Canon

SELPHY ES1

Canon

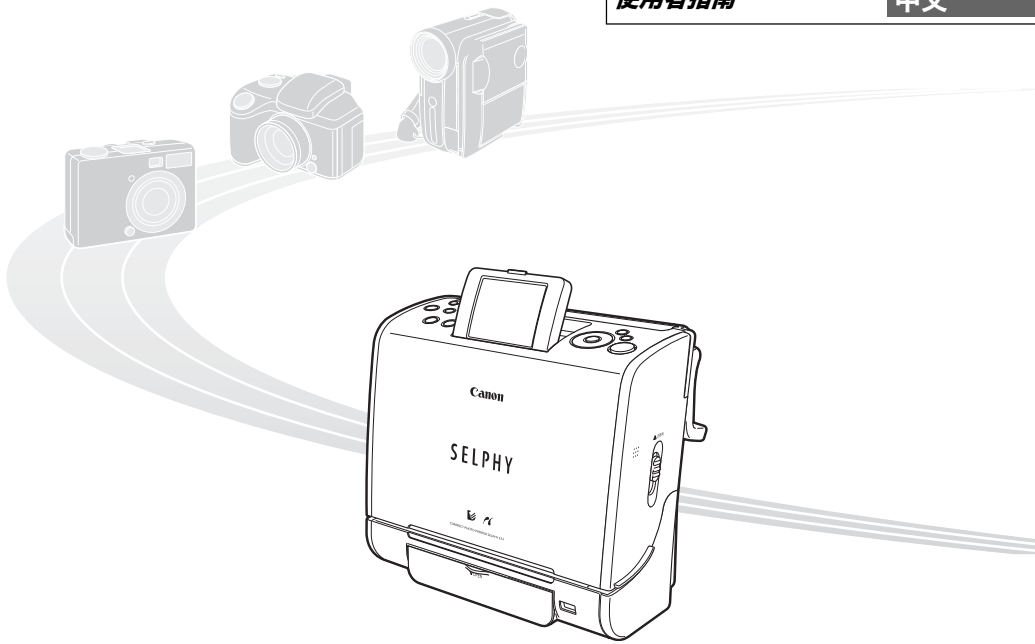
# SELPHY ES1

COMPACT PHOTO PRINTER

小型照片打印机

CDI-M238

| | |
|---|---|
| ユーザーガイド | 日本語 |
| User Guide | ENGLISH |
| 使用者指南 | 中文 |




**注意！** パソコンと接続して印刷する場合は、付属の CD-ROM（Canon Compact Photo Printer Solution Disk）に収納されているソフトウェアおよびプリンタードライバを必ずインストールしてください。
なお、お使いのソフトウェアのバージョンによっては、操作手順や画面が各説明書の記載と多少異なる場合があります。

**NOTICE!** When a computer is connected to the printer, be sure to install the software and the printer driver bundled on the supplied CD-ROM (Canon Compact Photo Printer Solution Disk). If you are using another version of software, actual screen contents and procedures may differ slightly from those indicated in this guide.

**注意！**当计算机连接到打印机时，请务必安装捆绑在附送 CD-ROM（佳能小型照片打印机解决方案光盘）中的软件和打印机驱动程序。
如果您正在使用另一版本的软件，实际的屏幕内容和步骤可能与本指南中所显示的稍有不同。

使用本打印机之前，请先详细阅读本说明书，并妥善保存说明书作日后参考。

PictBridge DPOF DIRECT PRINT SDHC

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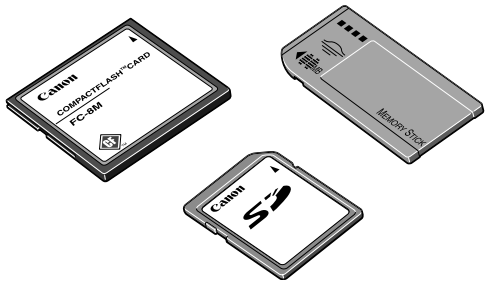
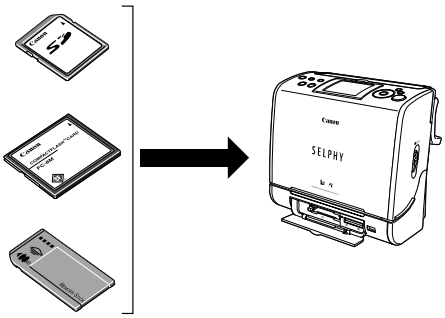
# SELPHY ES1 Allows You to Do the Following

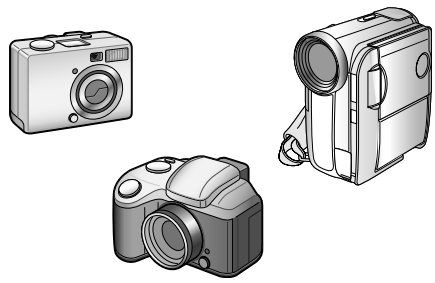
## Print from a memory card



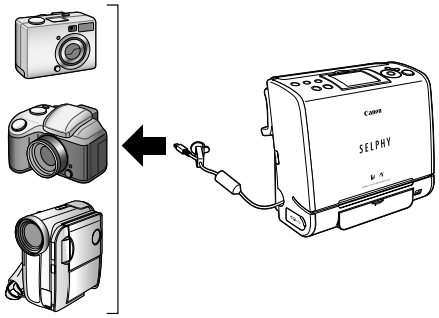

Insert the memory card into the appropriate memory card slot.




## Connect to a camera and print

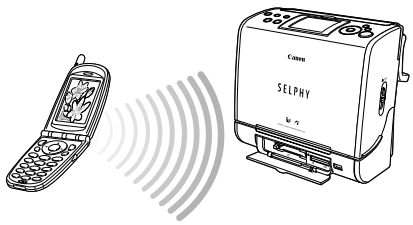


Connect via the USB cable.

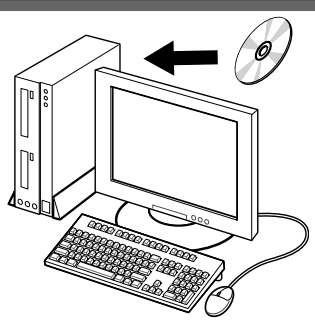



## Print wirelessly

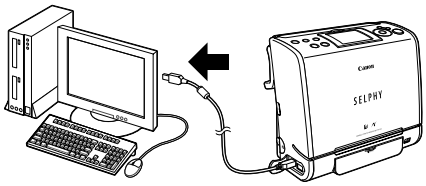
Transfer images wirelessly with IrDA (print beam), Bluetooth and wireless LAN.

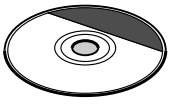



## Connect to a computer and print



Software must be installed, and printer connected to the computer with a commercially available USB cable.



Before you connect the printer to the computer, be sure to install the software following the procedure on page 52.

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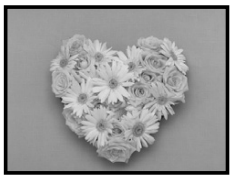
## You can print in various designs and layouts

• You can use the Creative Print function to arrange the images in a more enjoyable way (only when printing from an inserted memory card).

## You can make various size prints

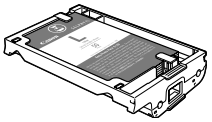


Postcard Size Ink and Paper Integrated Cartridge*

• You can make original postcards.

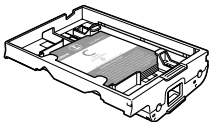
Ink and Paper Integrated Cartridge for Black and White Prints*

• You can perform black and white print with black ink.



L Size Ink and Paper Integrated Cartridge*

• You can easily make L size prints.



Card Size Ink and Paper Integrated Cartridge*

• You can make stickers using label sheets.

*Ink and Paper Integrated Cartridge refers to the Easy Photo Pack.

## You can print altered images

• You can use the various useful functions to compensate for red-eye or change coloring and print the altered images (p. 48).

## You can easily print images saved on a computer

• You can use the software provided to correct and trim images.

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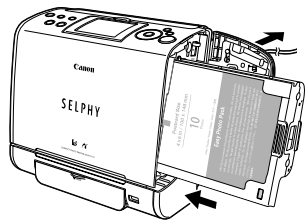
## Getting Started

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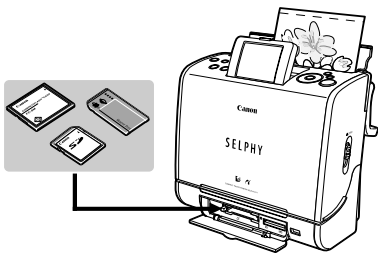


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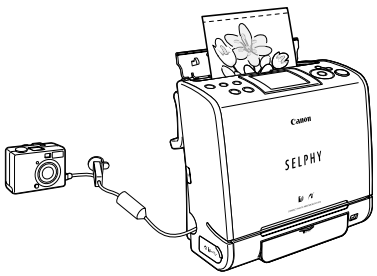
## Connecting to a Camera for Printing

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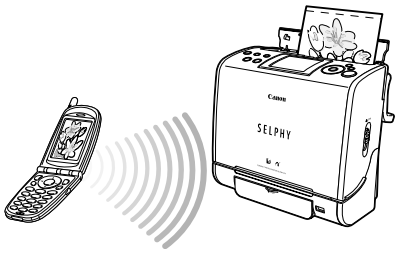


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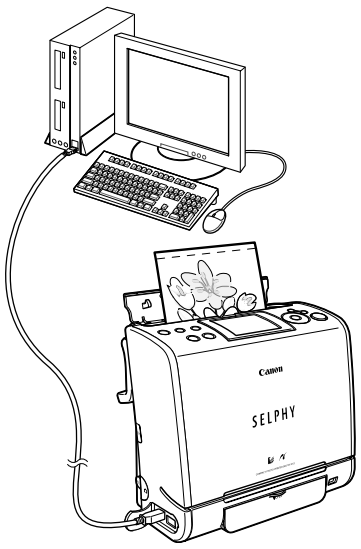


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# Quick Start

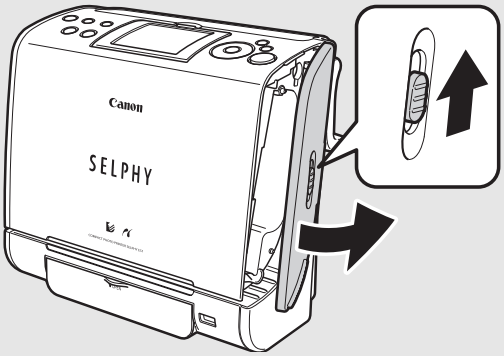
This section explains the procedures required to print with the trial cartridge (Postcard size (100 x 148 mm (4 x 6 in.)) paper) included with your printer from a memory card.

| **Things to Prepare** |
|---|
| **Printer (SELPHY ES1)** |
| **Ink and Paper Integrated Cartridge (Postcard size, 10 sheets)** |
| **Compact Power Adapter CA-ES100** |
| **Power Cord** |
| **Memory Card (containing the images you wish to print)** |

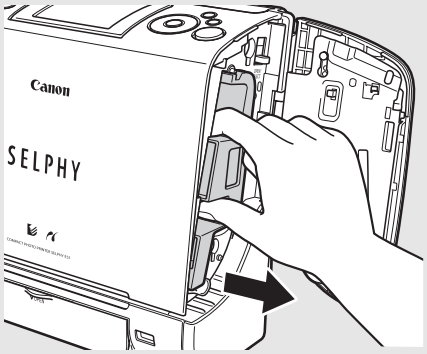
: Included with the printer

## 1 Loading the Cartridge in the Printer (p. 23)

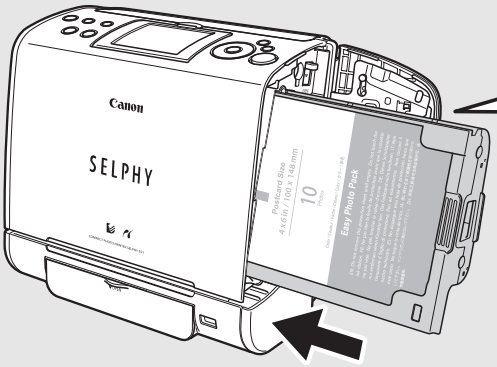
**1** Lift up the cover lever and open the cartridge cover.

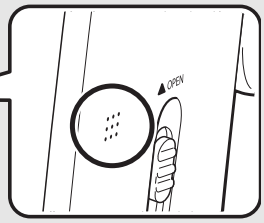



**2** Grasp the cleaner unit that is inside and remove it.




**3** Load the cartridge and close the cartridge cover.




Make sure the cover lever is in the up position, then press here when closing the cartridge cover.
When closed, make sure the cover lever is pushed all the way down.

The colored paper on the top side of the cartridge is the protective paper. Load the cartridge with this paper still attached.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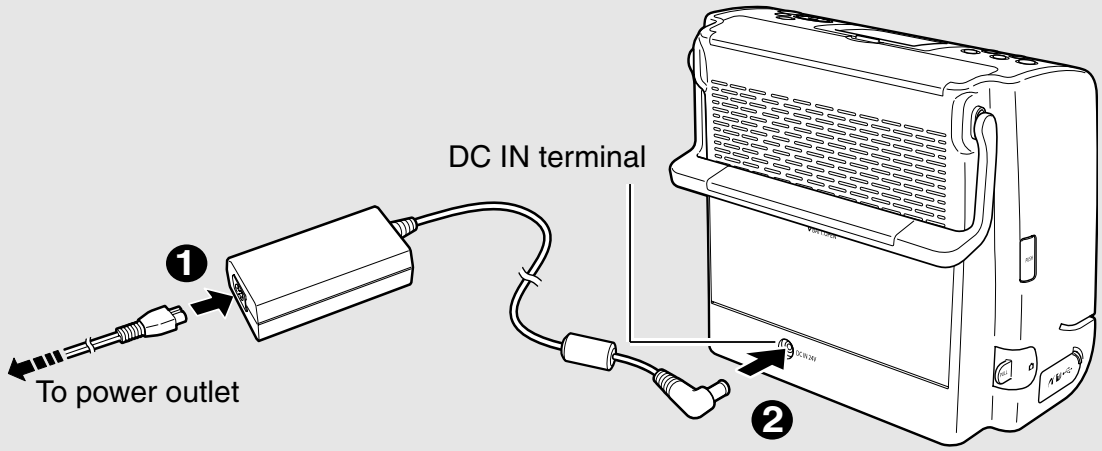
## 2 Connecting the Printer to a Power Source (p. 24)

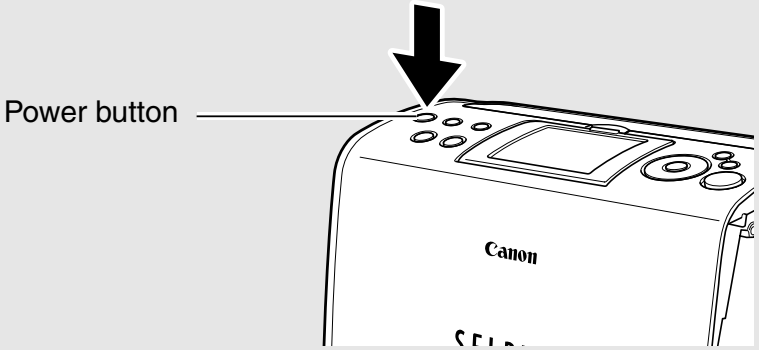
❶ Insert the power cord into the compact power adapter and plug the other end into a power outlet.

❷ Connect the compact power adapter to the printer's DC IN terminal.

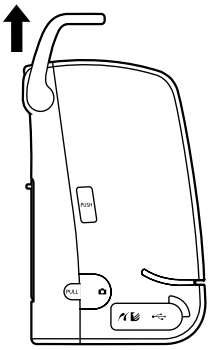



## 3 Turning On the Power (p. 27)

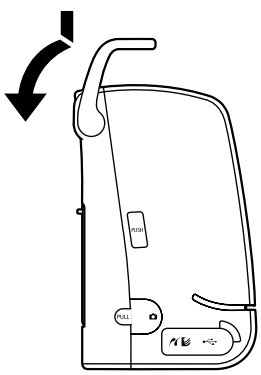
Press the printer's power button until it lights green.




### About the Carrying Handle



When lifted vertically, the handle locks, making it convenient for carrying.



Before using the printer, press down lightly on the handle and rotate it towards the back of the printer.

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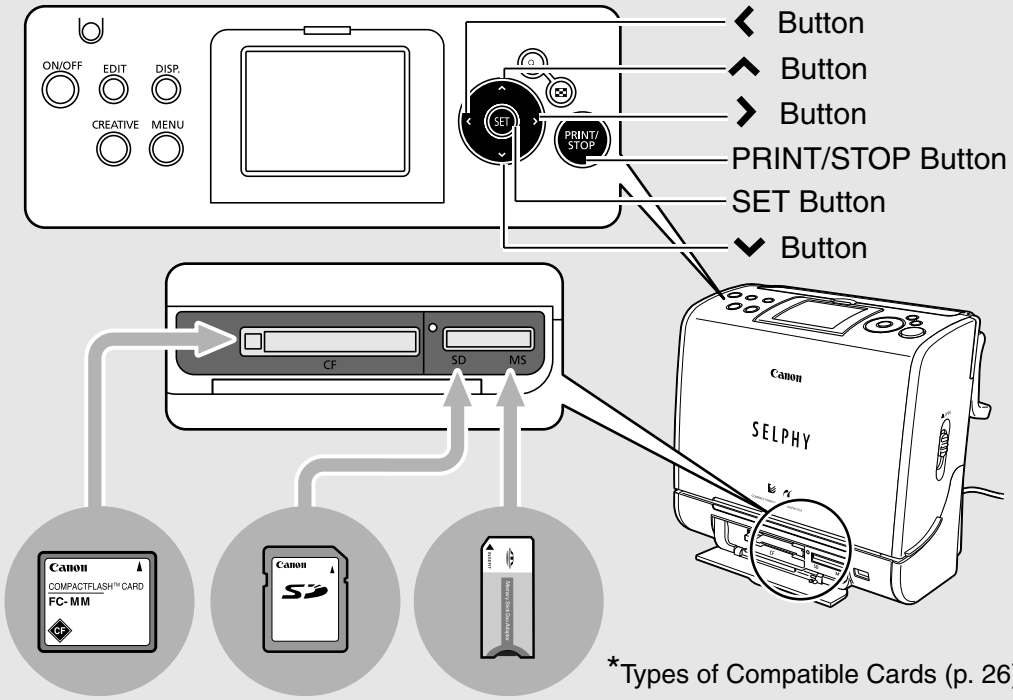
# 4 Inserting the Memory Card* into the Printer (p. 27)

Insert the memory card all the way into the appropriate card slot.

- Insert the memory card with the top side up.
- An image is displayed on the LCD monitor. If an image is not displayed, make sure that there are images on the memory card and that the memory card is fully inserted. Images cannot be displayed if a camera or wireless adapter is connected.
- Push the SD memory card, Memory Stick or their variants in until it clicks.




*Types of Compatible Cards (p. 26)

# 5 Printing (p. 28)

**1** Press the ❮ or ❯ button to select the image to print.

Screenshot of the printer's LCD monitor

**2** Press the SET or PRINT/STOP button, and check the setting on the LCD monitor.

- Press the ^ or ⌄ button to specify the number of prints.

**3** Press the PRINT/STOP button.

- The print receptacle cover opens automatically and printing starts. During printing, the printer's power button blinks green.
- Press the PRINT/STOP button again to stop printing.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# Before You Begin

Thank you for your purchase of the Canon Compact Photo Printer SELPHY ES1. This guide explains the printer's general flow of operations, from camera print settings to printing and computer connection operations to printing.

Before using your printer for the first time, please read through the *Safety Precautions* (p. 9).

## ■ Warning against Copyright Infringement

Please respect all copyrights. Use of images produced by Canon Compact Photo Printer SELPHY ES1 for purposes other than personal entertainment may be prohibited by law.

## ■ Warranty Limitations

This printer's warranty is only effective in the country of sale. If a problem arises while the printer is in use abroad, please convey it back to the country of sale before proceeding with a warranty claim to a Canon Customer Support center.

**For Canon Customer Support contacts, please see the customer support list supplied with your printer.**

### Use of genuine Canon accessories is recommended.

This product is designed to achieve excellent performance when used with genuine Canon accessories. Canon shall not be liable for any damage to this product and/or accidents such as fire, etc., caused by the malfunction of non-genuine Canon accessories (e.g., a leakage and/or explosion of a battery pack). Please note that this warranty does not apply to repairs arising out of the malfunction of non-genuine Canon accessories, although you may request such repairs on a chargeable basis.

### Communication Settings for Cameras

Depending on the model of the camera, it may be necessary to change the communication settings prior to connecting the camera to the printer.

- For EOS 5D, EOS 10D, EOS 20D, EOS 30D, EOS 300D and EOS 350D cameras, set [Communication] in the camera's menu to [PTP], or [Print/PTP] or [Print/PC]. See the user guide supplied with the camera for details.
- For non-Canon cameras, see the user guide supplied with the camera for details on communication settings.

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# About This Guide

## ■ Symbols Used

: This mark denotes issues that may affect the printer's operation.

: This mark denotes additional topics that complement the basic operating procedures.

## ■ About camera and accessory descriptions in this guide

General camera descriptions in this guide refer to digital cameras or digital camcorders compatible with the compact photo printer (SELPHY ES1). However, in detailed instructions, "camera" refers to "digital cameras", and "power source" refers to "compact power adapter" throughout this guide.
Also, "cartridge" refers to the "Ink and Paper Integrated Cartridge (Easy Photo Pack)".


### Disclaimer

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# Safety Precautions

- Before using the printer, please ensure that you have read and understood the safety precautions described below. Always ensure that the printer is operated correctly.
- The safety precautions noted on the following pages are intended to instruct you in the safe and correct operation of the printer to prevent injuries or damage to yourself and other persons.

Devices: Printer, Compact power adapter
Battery: Battery pack (sold separately)

# ⚠ WARNINGS

Do not play the supplied CD-ROM(s) in any CD player that does not support data CD-ROMs. Playing the CD-ROM(s) in an audio CD player (music player) could damage the speakers. It is also possible to suffer from hearing loss from listening with headphones to the loud sounds of a CD-ROM played on a music CD player.

## Equipment

- **Do not disassemble or modify the equipment.**
- **If the equipment is dropped or the casing becomes damaged, do not continue operation.**
- **If the equipment emits smoke or a burning odor, or shows other signs of significant malfunction, immediately unplug the power cord from the power outlet.**
- **Never rest liquid containers around the equipment. If the exterior comes into contact with liquids or salt air, wipe it dry with a soft, absorbent cloth.**
- **Do not drop or insert metallic or combustible objects into the equipment.**

Continued use of the equipment may result in fire or electric shock.
Immediately turn the printer power off and remove the printer battery or unplug the power cord from the power outlet. Please consult your camera distributor or the closest Canon Customer Support center (see the customer support list supplied with your printer).

- **Do not touch metal parts of the equipment or the power plug during thunderstorms.**

Lightning strikes may produce lethal voltages within the equipment. Keep clear of the equipment during thunderstorms.

- **Do not use flammable solvents such as alcohol, benzine, or paint thinner to clean the equipment.**

Continued use of the equipment may result in fire or electric shock.

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## Power

- **Do not exceed the cable and power outlet ratings when operating this product. Do not operate this product outside of the specified voltage rating. Check that the voltage of the outlet is compatible with the equipment before plugging it in.**
- **If the power cord becomes damaged (if internal wiring is exposed, etc.), immediately unplug it from the power outlet.**
- **Be sure that the power cord is plugged all the way in.**
- **Do not damage, modify, or rest heavy objects on the power cord.**
- **Use only recommended power sources.**
- **Remove the power cord on a regular periodic basis and wipe away the dust and dirt that collects on the plug, the exterior of the power outlet and the surrounding area.**
- **Do not handle the power cord if your hands are wet.**

Continued use of the equipment may result in fire or electric shock.

- **After the battery pack is fully charged and when the compact power adapter is not being used, disconnect the adapter from both the printer and the power outlet.**

Heat will build up and could result in a fire.

- **The output terminal of the compact power adapter is designed for exclusive use with this equipment. Do not use the output terminal for other batteries and products.**

Heat will build up and could result in fire or electric shock.

## Battery (Sold Separately)

- **Do not place the battery pack near a heat source or expose it to direct flame or heat.**
- **The battery pack should not be immersed in water.**
- **Do not attempt to disassemble, alter or apply heat to the battery pack.**
- **Avoid dropping or subjecting the battery pack to severe impacts that could damage the casing.**
- **Use only recommended battery pack and accessories.**

Use of a battery pack not expressly recommended for this equipment may cause explosions or leaks, resulting in fire, injury and damage to the surroundings. In the event that a battery leaks and the eyes, mouth, skin or clothing contact these leaked substances, immediately flush with water.

- **Do not place anything, such as tablecloths, carpets, bedding or cushions, on top of the battery charger while it is charging.**

Heat will build up and could result in a fire.

- **When charging the battery pack, use only the printer. Do not use other equipment.**

Heat will build up and could result in fire or electric shock.

- **Before you discard a battery, cover the terminals with tape or other insulators to prevent direct contact with other objects.**

Contact with the metallic components of other materials in waste containers may lead to fire or explosions.


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## Usage Location

- **Do not place the equipment on an unstable or tilted table or desk.**

There is risk that the equipment may fall and cause injury.

# ⚠ CAUTIONS

## Equipment

- **Do not block the air vents on the printer.**
- **Do not rest objects on the equipment.**
- **Do not reach into internal parts of the equipment except as specified in the operating instructions.**

Such conditions could lead to injury, fire, electric shock or other damage.

- **Unplug the equipment when you are not using it.**

Leaving the equipment plugged in during prolonged periods of non-use poses risk of electric shock or fire.

- **Do not open the cartridge cover during printing.**
  - If you do so, printing will stop.
  - Paper moves back and forth in the printer during printing. Placing your hand in the way of moving paper may result in injury.

## Power

- **Do not move the equipment while it is plugged in.**
- **Do not excessively bend or twist the power cord.**
- **Do not pull on the power cord.**

Doing so may damage the power cord. Continued use of a damaged cord poses risk of fire, electric shock or equipment failure.

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| Usage Location |
| --- |
| ● **Do not use the equipment in locations that are smoky, humid, dusty, or subject to strong vibration.**<br>● **Do not leave the equipment in places subject to strong sunlight or close to heating equipment, such as the dashboard or trunk (boot) of a car.**<br>The above-mentioned can cause leakage, overheating or explosion, resulting in fire, burns or other injuries. High temperatures may also cause deformation of the casing. |
| ● **Do not use the equipment near an open flame.**<br>Sheets ejected from the print receptacle cover may fall into the flame, resulting in fire. |
| ● **Do not use the equipment close to TV sets or AM radios.**<br>Operation of the equipment may adversely affect TV and radio reception. |


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# Proper Usage and Handling

## Usage Location

- **Leave about 15 cm (6 in.) of clearance at the front and back of the equipment and 10 cm (4 in.) of clearance on both sides.**
  Be sure to leave clearance around the paper-handling slot (at the front) so that paper has sufficient room to extend out from the slot during printing.
- **Do not use near strong magnets or near devices that produce strong electromagnetic fields.**
  Electromagnetic radiation from devices such as TVs and game machines, and strong magnetic fields from devices such as speakers and large motors, may cause distortion in printed images.

## When Not In Use

- **Be sure to close the print receptacle cover.**
  If dirt or foreign objects enter the printer, print quality may deteriorate.
- **Unplug the power cord from the outlet. If using the battery pack, remove it.**
  But please note that you should plug in and run the printer at least once every six months to ensure that it remains functional.

## When Planning Not to Use for an Extended Period

- **When the printer is not in use, please remove the cartridge from the printer and store it.**
  Return the cartridge to its original bag and package. Store the package horizontally.

## Before Transporting

- **Close the print receptacle cover.**
  If dirt or foreign objects enter the printer, print quality may deteriorate.

## Avoid Condensation Related Problems

- **You can avoid condensation by placing the equipment (printer, cartridge) in an airtight, resealable plastic bag and letting the equipment adjust to temperature changes slowly before removing the equipment from the bag.**
  Moving the equipment rapidly between hot and cold temperatures may cause condensation (water droplets) to form on the external and internal surfaces of the equipment.

## If Condensation Forms Inside the Printer

- **Stop using the printer immediately.**
  Continued use may damage the equipment.
  Wait until the water droplets have evaporated completely before resuming use.

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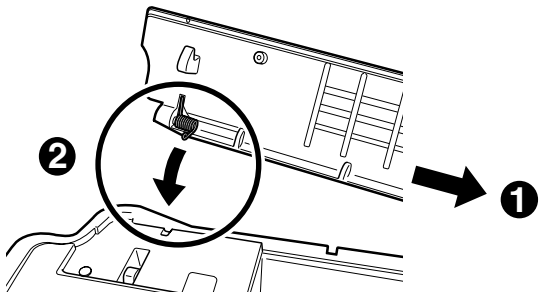
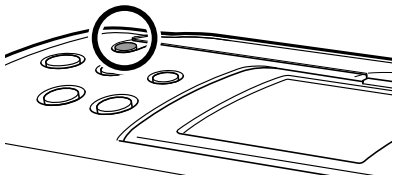
## Printer

- **Please avoid turning the printer's power on and off needlessly as the printer initialization consumes ink.**
  There may not be enough ink left for the allotted sheets in the set.
- **Never use volatile compounds or insecticides on the printer, and do not allow rubber or vinyl material to remain in prolonged contact with the printer.**
  These materials may cause deformation of the printer's casing.
- **If the printer overheats, it will temporarily stop operating. This does not mean that the printer has malfunctioned.**
  The printer will resume normal printing as soon as it cools down.
  Temporary stoppages are most likely to occur in the following cases:
  • When printing continuously.
  • If the room is unusually warm.
  • If the air vents on the back of the printer are blocked or if ventilation is inadequate.
- **Lower the carrying handle when printing. If the prints touch the carrying handle then printing may not be done correctly.**

- **If the print receptacle cover comes off, insert the shaft on the right side of the cover into the printer (❶) and then align the tip of the spring on the left side of the cover with the groove on the printer (❷). If the print receptacle cover is not attached during printing, paper that is finished printing may get jammed inside the printer.**




- **Do not close the print receptacle cover when printing. If closed accidentally, press the print receptacle button to open the print receptacle cover.**



- **Do not insert foreign objects into the print receptacle.**
- **Do not open the cartridge cover during printing.**
  If you do so, printing will stop and the paper currently being printed will not be completely printed.

## Cartridge

- **Please use only the cartridge type specified for use by Canon.**
- **Do not touch or pull on the ink sheet.**
  There may not be enough ink left for the allotted sheets in the set.
- **Do not handle the cartridge with wet or sweaty hands.**
- **Do not apply excessive force to the cartridge.**
- **Do not remove the protective paper from the cartridge or do not press down hard on the paper.**
  Force or impact on the paper may result in paper jams or equipment damage.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## Paper

- **Do not touch the paper while it is being printed.**
  During printing, the sheet repeatedly moves back and forth along the top of the print receptacle and in and out through the paper-handling slot. Please do not touch the sheet during this process as this could damage the printer.
- **Do not allow too many sheets to accumulate in the print receptacle during printing.**
  Do not allow more than 50 sheets to accumulate in the print receptacle.

## Prints

- **Please avoid the following actions as they may result in color change, color fading or color bleeding.**
  - Sticking any type of adhesive tape onto the print surface.
  - Allowing print surfaces to come into contact with vinyl materials.
  - Applying alcohol or other volatile solvents to the print surface.
  - Leaving print surfaces tightly pressed against any other surfaces or objects for prolonged periods.
- **If you wish to mount prints into an album, select an album with nylon-based sleeves, or with propylene or cellophane sleeves.**
  Other types of sleeves may cause color loss or color bleeding.
- **To avoid print quality deterioration, do not store your prints in the following types of locations.**
  - Locations that reach temperatures above 40 °C (104 °F)
  - Humid or dusty locations
  - Locations exposed to direct sunlight.
- **Color change may occur over time in accordance with conditions of storage. Canon assumes no liability for color changes.**

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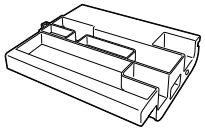
# Getting Started

## Package Contents

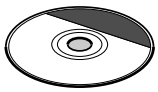
In addition to the printer, the package contains the following accessories.

**Cartridge (Postcard size, for 10 trial printouts)**

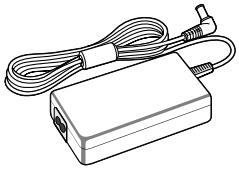
**Cleaner Unit*1**



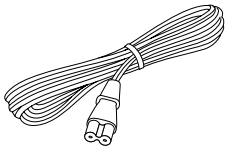
**Compact Photo Printer Solution Disk**



**Compact Power Adapter CA-ES100**



**Power Cord**



- **User Guide (This Guide)**
- **Warranty Card**
- **Canon Customer Support Leaflet**

*1 The included cleaner unit is inserted into the printer prior to shipment.
For information about how to use the cleaner unit, refer to *Cleaning the Printer* (p. 66).

## Separately Sold Products

| | |
|---|---|
| Easy Photo Pack E-P50 | Printing cartridge for postcard size, 50 sheets |
| Easy Photo Pack E-P100 | Printing cartridge for postcard size, 100 sheets |
| Easy Photo Pack E-L50 | Printing cartridge for L size, 50 sheets |
| Easy Photo Pack E-L100 | Printing cartridge for L size, 100 sheets |
| Easy Photo Pack E-C25 | Printing cartridge for card size, 25 sheets |
| Easy Photo Pack E-C25L | Printing cartridge for card size, 25 label sheets |
| Easy Photo Pack E-P25BW | Printing cartridge for black and white postcard size, 25 sheets |
| Battery Pack NB-ES1L | Battery pack |
| Bluetooth Unit BU-20 | Enables wireless printing from devices that support the Bluetooth standard. |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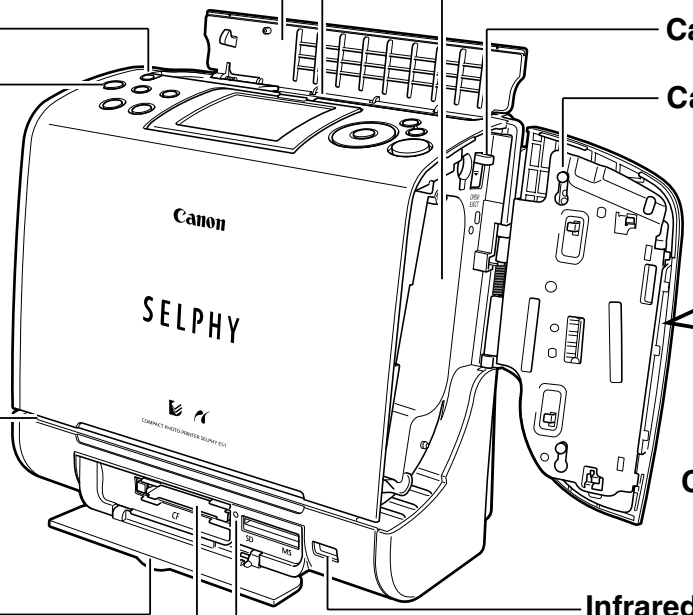
## ■ Compact Photo Printer SELPHY ES1

### Front View




**Print Receptacle (Output Tray)**

**Print Receptacle Cover**
Opens automatically when printing starts.

**Cartridge Compartment**
The cartridge is inserted into this compartment.

**Print Receptacle Button**
Opens the print receptacle cover if it does not open automatically.

**Cartridge Lever**

**Cartridge Cover**

**Power Button**
Turns the printer's power on/off.

**Paper-handling Slot**
Paper extends out from this slot while printing is in progress.

**Cartridge Cover Lever**
Opens the cartridge cover.

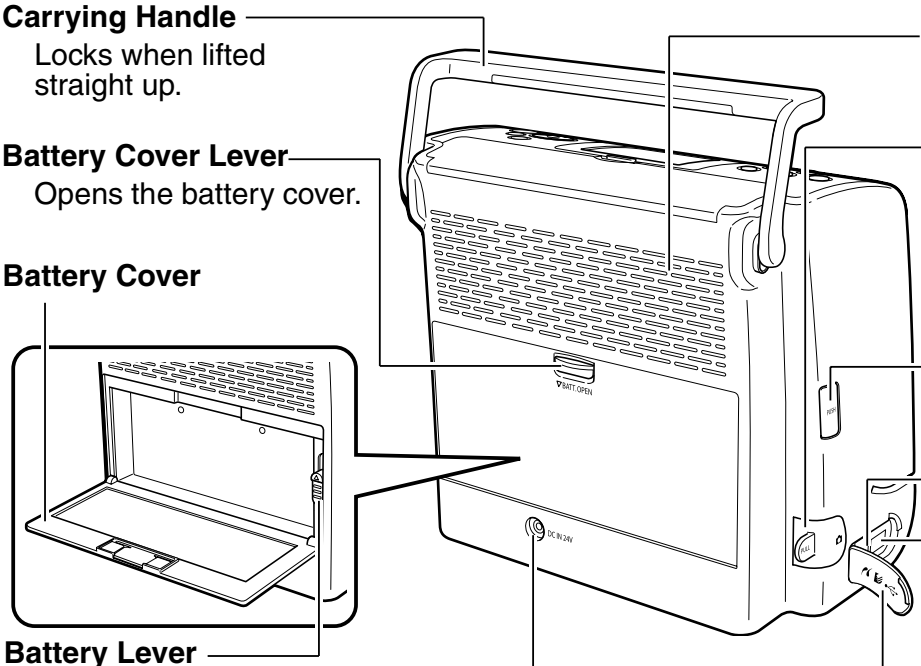
**Card Slot Cover**

**Infrared Data Receiver**
Receives data by infrared data communication.

**Card Slots**
These are for inserting a memory card or card adapter.

**Indicator Lamp**
Lights green when a memory card is inserted, and blinks when reading images.

### Back View




**Carrying Handle**
Locks when lifted straight up.

**Air Vents**

**Battery Cover Lever**
Opens the battery cover.

**Retractable USB Cable**
The USB cable for connecting the camera is housed in here. Pull out the cable and connect it to the camera.

**Battery Cover**

**USB Cable Retract Button**

**USB Port**
Connects commercially available USB cables to a computer.

**Battery Lever**

**DC IN Terminal**
Connects to the compact power adapter.

**Terminal Cover**

**Direct Print Port**
Connects the interface cable (included with the camera) to the camera.

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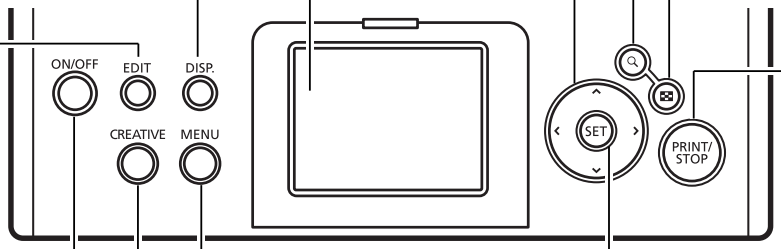
# Operation Panel




**LCD Monitor**
Displays images, operation mode and error details.

**DISP. (Display) Button**
Displays the information of the selected image.

**EDIT Button (pp. 28, 48)**
Sets various useful functions to the image to be printed.

**Operation Buttons**
Used for selecting images and making print settings.

**Button (p. 28)**
Displays an enlarged view of the image.

**Button (p. 28)**
Displays a reduced view of the image.

**PRINT/STOP Button**
Starts printing. Printing is canceled after this button is pressed during printing.

**SET Button**
Used for selecting and setting images.

## CREATIVE Button

Displays the creative print menu.

**Album**
Print images in album format (p. 32).

**Calendar**
Print your favorite images in calendar format (p. 34).

**Multi Layout**
Print multiple images laid out in the specified format. (p. 35)

**Speech Bubble**
Print images with a speech bubble attached (p. 36).

## MENU Button

Displays the main menu.

**Single Photo Print**
Printing one selected image (p. 28).

**Multi Photo Print**
Print the required number of specific images together (p. 29).

**Print All Photos**
Print a single copy of all the images on the memory card at a time (p. 31).

**Creative Print**
Print images in a more creative format (p. 32).

**DPOF Print**
Print images according to the DPOF setting (p. 37).

**Auto Play**
Play back images in file number order (p. 38).

**Printer Settings**
Set the various useful functions of the printer (p. 48).

## Power Button

The button's surrounding area lights to indicate the printer status.

| | | |
|---|---|---|
| Green | Lit | Ready to print |
| | Blinking | Printing/Communicating |
| Orange | Lit | Charging the battery pack (sold separately) |
| | Blinking | Battery pack depleted (p. 62) |
| Red | Lit | Error (p. 70) |
| | Blinking | Error (p. 70) |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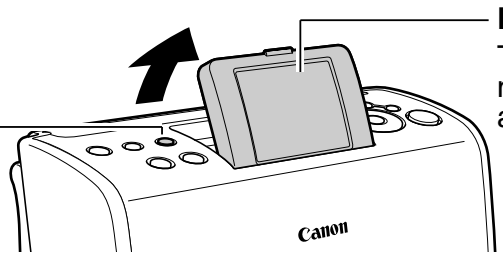
# About LCD Monitor and Main Display Details

## ■ Adjusting the Angle of the LCD Monitor and Switching the Display




**LCD Monitor**
The angle of the LCD monitor can be manually adjusted to any angle.

**DISP. (Display) Button**
Each press of this button switches the monitor display.

Operation commands
↓
Information
↓
No information

## ■ Main Display Details

### (During image playback)

**Display menu (p. 18)**

**Battery status (p. 64)**

| | |
|---|---|
| | AC connection |
| | Fully charged |
| | Still operable |
| | Battery power low |

**File size**

**Card (p. 26)**

| | |
|---|---|
| CF | CompactFlash (CF) card/ Microdrive |
| SD | SD memory card/ SDHC memory card/ Multimedia card |
| MS | Memory Stick/ Memory Stick PRO |

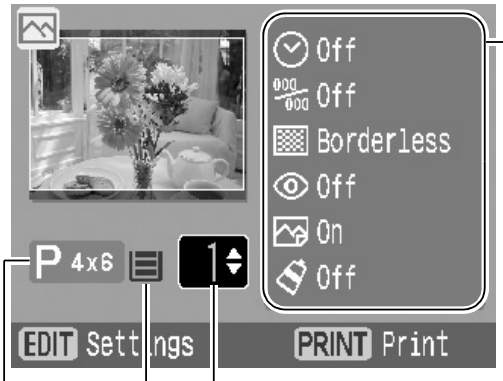
**Time and date**

**Operation commands**

**Folder number-File number**

**Number of displayed image / Total number of images**

### (During print confirmation)




| | | |
|---|---|---|
| | Date | On/Off (p. 48) |
| 000/000 | File No. | On/Off (p. 48) |
| | Borders | Borderless/Bordered (p. 48) |
| | Correct Red-Eye | On/Off (p. 48) |
| | Auto Optimize | On/Off (p. 48) |
| | My Colors | (p. 50) |

**Number of prints**

**Paper status (guideline)**

| | |
|---|---|
| * | 1/2 full or more |
| | About 1/4 full or more |
| | About 1/8 full or more |
| | Empty |
| No Display | The status is not clear |

**Paper Size**

| | |
|---|---|
| P 4x6 | Postcard size |
| L | L size |
| C | Card size |
| C Label | Card size (full-sized label sheet) |
| BW | Postcard size (black and white) |

*The trial cartridge is different from the standard one and is not shown in this table.

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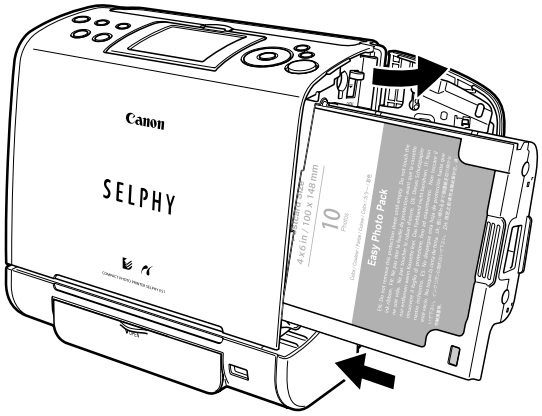
# Printing Procedure and Reference Guides

## Preparing




User Guide (This Guide) p. 22

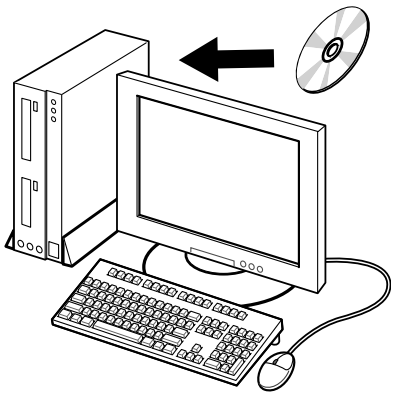
Printing from a memory card

Connect the printer to the camera for printing

Printing from a computer

Wireless printing

## Installing the Software and the Printer Driver



User Guide (This Guide) p. 51

Before you connect the printer to a computer, you must install the printer driver from the Compact Photo Printer Solution Disk. Be sure to install the software before connecting the printer to the computer using the procedure on page 52.

## When an Error Occurs and Troubleshooting



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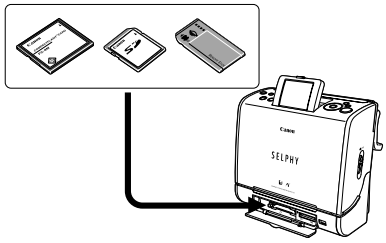
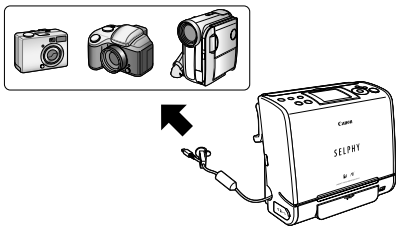
## Connecting

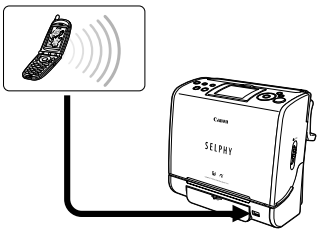


User Guide (This Guide) p. 27

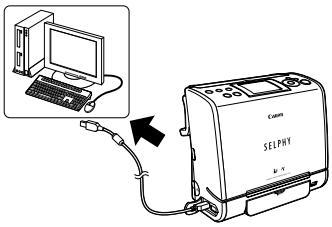


User Guide (This Guide) p. 39

Camera User Guide
Direct Print User Guide

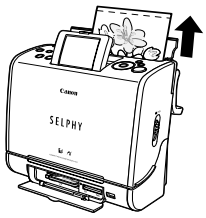


User Guide (This Guide) p. 42

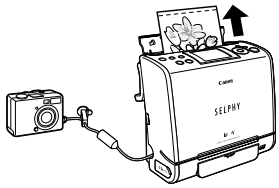


User Guide (This Guide) p. 58

## Printing



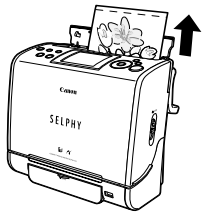
User Guide (This Guide) p. 28



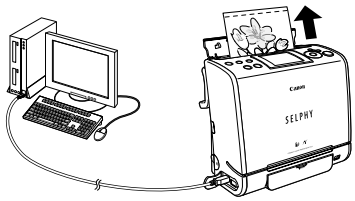
User Guide (This Guide) p. 39

Camera User Guide
Direct Print User Guide

When using non-Canon digital cameras, refer to the user guide that came with your camera.



User Guide (This Guide) p. 42



Printer Software Guide (CD-ROM included with your printer)

Troubleshooting or Error Messages:
User Guide (This Guide) p. 67, 70

Printer Software Guide (CD-ROM included with your printer)

Contacting us for repairs:
Canon Customer Support Leaflet

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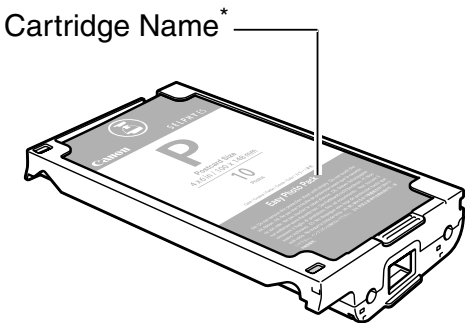
# Let's Prepare

## ■ Preparing a Cartridge

An ink and paper integrated cartridge is used in this printer. Prepare a cartridge with the size of the paper you will print.
The cartridge differs according to the paper size and ink type.



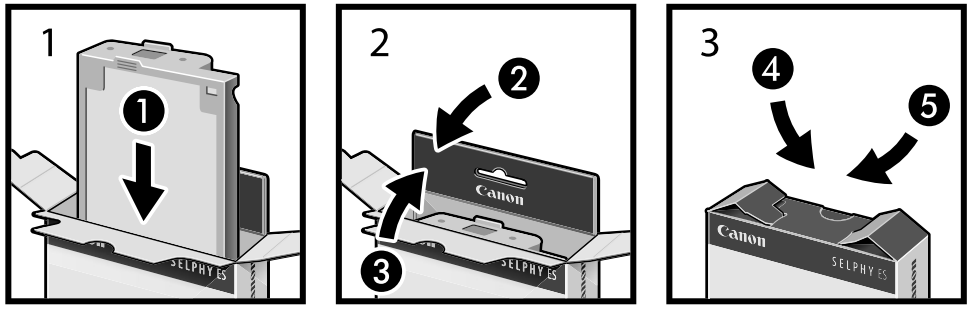

| Paper Size | Ink Type | Cartridge Name (Product No.) | Color of Cartridge |
|---|---|---|---|
| Postcard size<br>(100 x 148mm)<br>(4 x 6 in.) | Color | Easy Photo Pack E-P50 | Green |
| | | Easy Photo Pack E-P100 | |
| L size<br>(89 x 119 mm)<br>(3.5 x 4.7 in.) | Color | Easy Photo Pack E-L50 | Blue |
| | | Easy Photo Pack E-L100 | |
| Card size<br>(54 x 86 mm)<br>(2.1 x 3.4 in.) | Color | Easy Photo Pack E-C25 | Orange |
| | | Easy Photo Pack E-C25L | |
| Postcard size<br>(100 x 148mm)<br>(4 x 6 in.) | BW | Easy Photo Pack E-P25BW | Gray |

*The design of the label on the cartridge may slightly differ from the illustration above.

Separately Sold Products ⟶ *Separately Sold Products* (p. 16)

When opening a cartridge package, check the contents. If something seems to be damaged, contact the dealer for assistance.

When storing cartridges, return the cartridge to its original package to prevent dust from accumulating on the cartridge.





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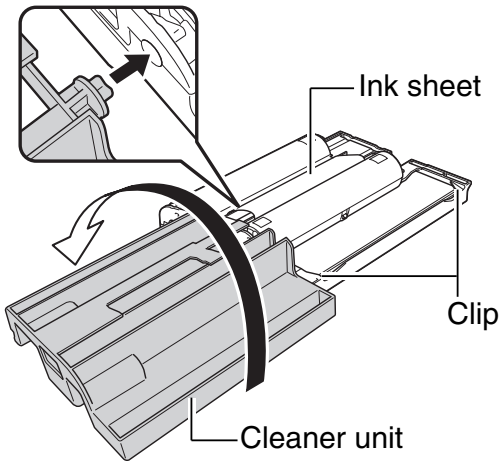
# ■ Loading the Cartridge

Proper Handling of Cartridges ⟶ *Cartridge* (p. 14)

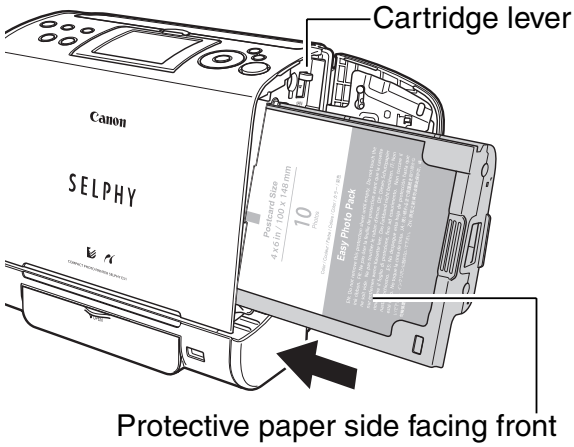
## 1 Check that the ink sheet is tight and that the paper is correctly loaded in the cartridge.




- When inserting the cartridge into the printer, if the ink sheet is so slack it catches, insert the cleaner unit and turn it slowly to take up the slack.
- If the paper is outside of the clips, push it down with your finger so it is inside the clips.

- It will not be possible to use all the paper for printing if you overwind the ink sheet.
- Do not touch or pull out the ink sheet.

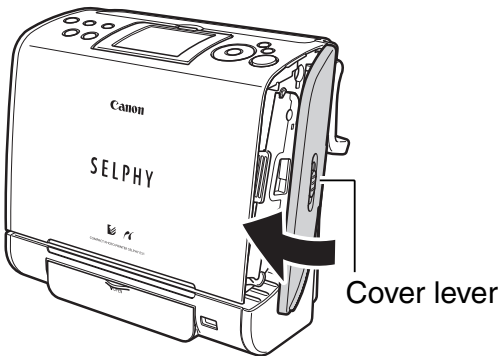
## 2 Lift up the cover lever to open the cartridge cover, and insert the cartridge all the way into the compartment.



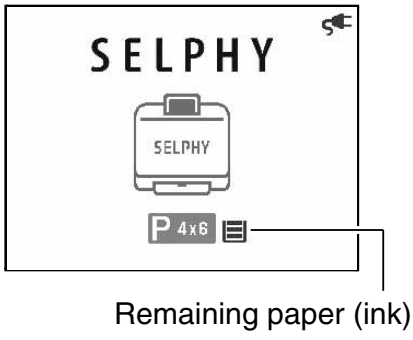

- Push the cartridge all the way in, so that it clicks into place.
- When you are ready to remove the cartridge, slide the lever down and pull the cartridge out.

- When replacing the cartridge, remove all paper from the print receptacle before printing.
- The colored paper on the top side of the cartridge is the protective paper. Load the cartridge with this paper still attached.

## 3 Close the cartridge cover.




- You can check the type and the remaining paper (ink) of the cartridge loaded in the printer by the icons in the print confirmation screen/printing screen or standby screen (p. 19).
- After the power is turned on, or immediately after the cartridge cover is opened/closed, the status icon is not displayed. This icon is displayed when at least one sheet is printed.




When the cartridge cover is open, the cover lever can become stuck in the lowered position. When this happens, raise the lever to close the cover.



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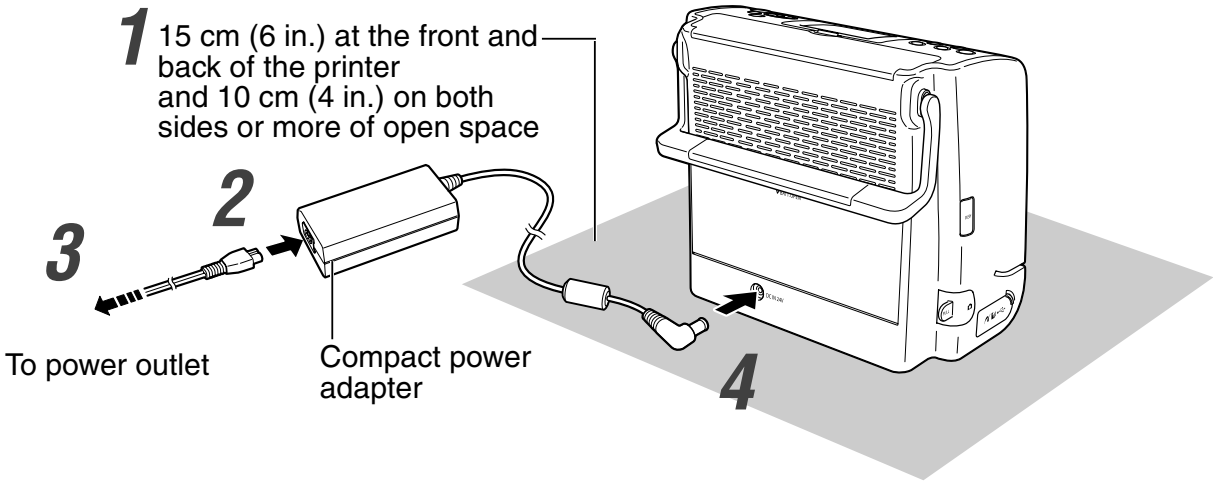
- Do not reuse empty cartridges. Attempting to reuse an empty cartridge may result in malfunction or damage to the printer.
- Do not remove the cartridge while feeding, printing, or ejection is in progress.

## ■ Placing the Printer

Usage Location ⟶ *Usage Location* (p. 13)

Refer to the figure below when placing the printer. Numbers in the figure correspond to the steps in the procedure below.


1
15 cm (6 in.) at the front and back of the printer and 10 cm (4 in.) on both sides or more of open space
2
3
To power outlet
Compact power adapter
4

The battery pack (sold separately) also can be used (p. 62).

**1** **Place the printer on a flat area.**

**2** **Connect the supplied power cord to the supplied Compact Power Adapter.**

**3** **Insert the plug into a power outlet.**

**4** **Connect the compact power adapter cord to the printer.**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## ■ Setting the Display Language (when the printer is used for the first time)

Set the display language for menus and messages that appear on the LCD monitor.

**1** **Press the printer's power button until it lights green.**

- The startup screen is displayed on the LCD monitor, followed shortly by the standby screen.

**2** **Press and hold down the SET button, and then press the MENU button.**

Make sure that a memory card is not inserted into the printer and that a camera is not connected to the printer.

**3** **Press the ^, v, < or > button to select the language and press the SET button.**

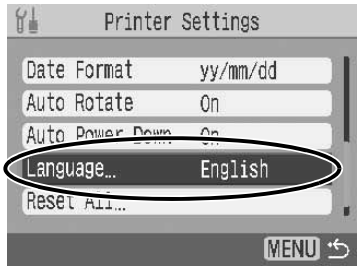
- The screen returns to the previous screen.

You can also set the display language using the following procedure.

**1** **Turn the printer on, and press the MENU button, select [Printer Settings] with ^ or v button, and then press the SET button.**

**2** **Press the ^ or v button to select [Language] and press the SET button.**

- Select the display language using the same procedure as in step 3 above.

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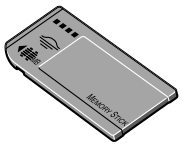
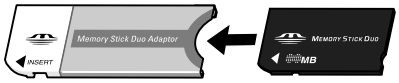
# Printing from Memory Cards

Insert the memory card into the printer to print images saved on the memory card.

- **Do not insert empty card adapters into the printer. The printer will not function properly. Always insert a card into the adapter before inserting the adapter into the printer. If an empty adapter has been inserted, remove the adapter, turn the power off, and then turn it on again.**
- Make sure that a camera, computer or wireless adapter is not connected to the printer.

## Compatible Memory Cards

| Icon[*1] | Memory cards that can be directly inserted | Memory cards that require a dedicated adapter |
|---|---|---|
| SD | ● SD memory card<br>● SDHC memory card<br>● MultiMedia Card<br> | ● miniSD memory card[*2] ● RS-MMC[*2] [*3]<br>● miniSDHC memory card[*2]<br> |
| CF | ● CompactFlash Card[*4]<br>● Microdrive[*4]<br> | ● xD-Picture Card[*5]<br> |
| MS | ● Memory Stick PRO<br>● Memory Stick<br>  | ● Memory Stick PRO Duo[*2]<br>● Memory Stick Duo[*2]<br>  |

[*1] LCD monitor displays the icon of the memory card inserted in the printer.
[*2] Use the specific adapter for the card.
[*3] RS-MMC stands for Reduced-Size MultiMediaCard.
[*4] TYPEI/TYPEII (Only 3.3 V cards are compatible.)
[*5] Purchase the CompactFlash Card Adapter for xD-Picture Card separately.

- SELPHY printer supports image data conforming to the Design rule for Camera File system (Exif compliant) and DPOF (Ver. 1.00) standards. This printer will recognize images saved in folders and file structures not compliant with the Design rule for Camera File system (Exif compliant). However, there is a possibility that images in deep file directories may not be recognized.
- Images saved on non-compatible memory cards might not be readable or data may be corrupted. Use a memory card that is compatible with the camera. For details, refer to the user guide included with the camera.
- If formatting is necessary, format memory cards in the camera. Memory cards should not be formatted on computers.
- Images that have been edited on a computer might not be displayed or printed successfully.
- Movies cannot be played back on this printer.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# Inserting/Removing Memory Cards

Do not load two or more memory cards at the same time.

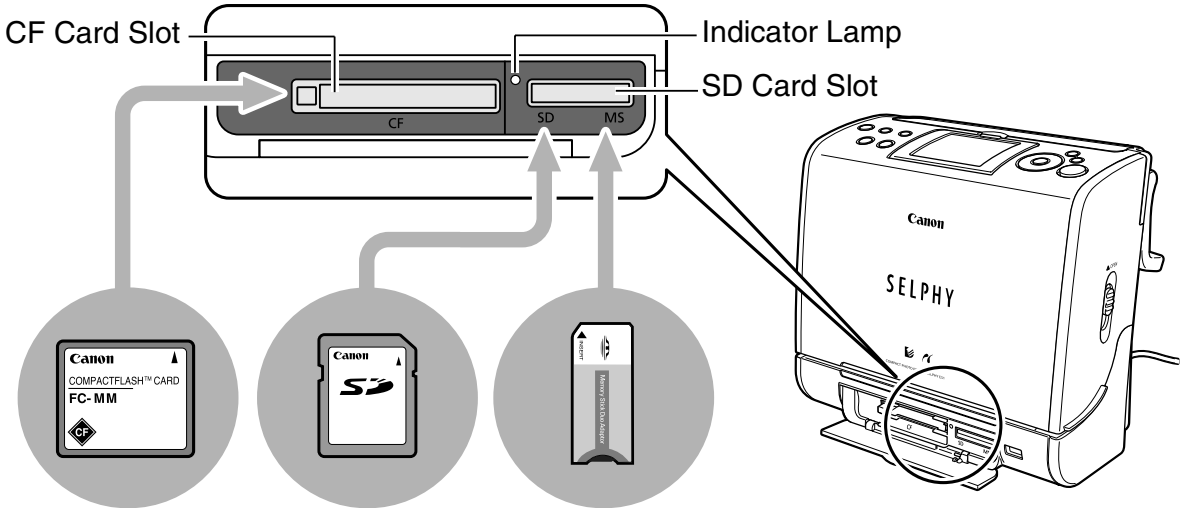
## 1 Press the printer's power button until it lights green.

- The startup screen is displayed on the LCD monitor, followed shortly by the standby screen.

## 2 Push the memory card all the way into the appropriate card slot.

- The indicator lamp blinks green, and the images are displayed on the LCD monitor. If the image is not displayed, make sure that there are images on the memory card and that the memory card is fully inserted. Images cannot be displayed if a camera or wireless adapter is connected.

- Insert memory cards with the top side up.
- Push the SD memory card, Memory Stick or their variants in until it clicks.




CF card / Microdrive / xD-Picture Card*

SD memory card / SDHC memory card / Multimedia card / miniSD memory card* / miniSDHC memory card* / RS-MMC*

Memory Stick / Memory Stick Duo* / Memory Stick PRO / Memory Stick PRO Duo*

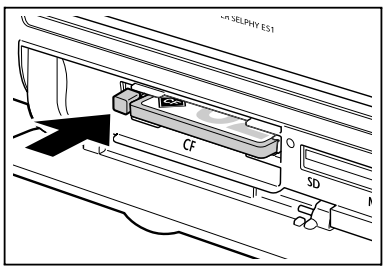
*A dedicated adapter is required (p. 26).

LCD monitor → *About LCD Monitor and Main Display Details* (p. 19)

## ■ Removing Memory Cards

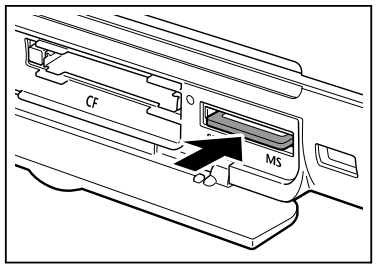
### ● CF card slot

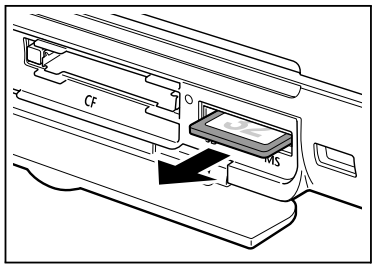
Press the CF card eject button.




### ● SD card slot

Push the memory card with your finger until it clicks and then release it.




Do not remove memory cards or turn the printer off while the indicator lamp is blinking.

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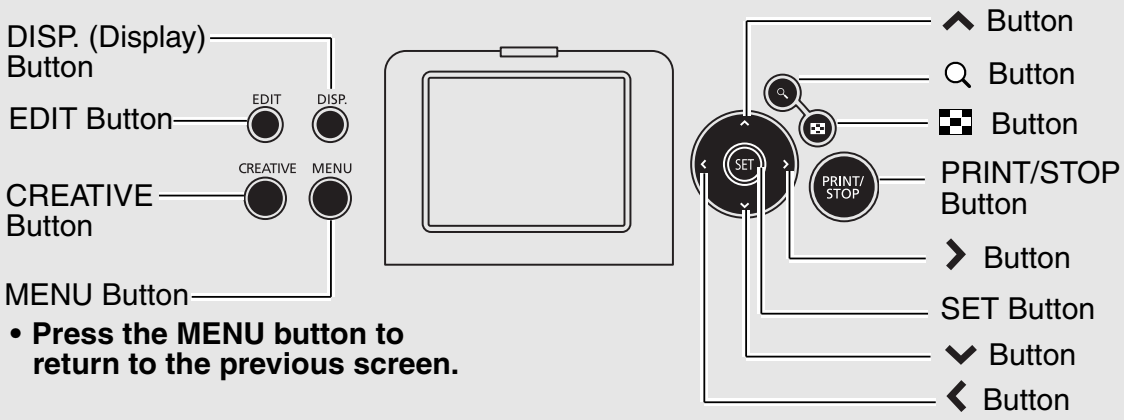
## Buttons available for the following functions




- **Press the MENU button to return to the previous screen.**

# Single Photo Print

Display the image to be printed on LCD Monitor and print the image.
You can specify the number of prints of the displayed image to print. Images can also be trimmed.

### 1 Turn the printer on, and insert the memory card into the appropriate memory card slot (p. 27).

### 2 Press the ❮ or ❯ button to display the image to print.

- Pressing the DISP. (display) button cycles through the LCD monitor display modes (p. 19).
- If you press the ▪ button, nine images are displayed together (index playback). During index playback, you can select images with the ❮ or ❯ button. Pressing the 🔍 button ends index playback, and the display returns to the single image display. Printer switches to index playback even if the ❮ or ❯ button is held down.
- If you press the ▪ button during index playback, you can switch to jumping over nine images at a time. The ❮ and ❯ button display the previous or the next nine images. You can display the first nine images or the last nine images by pressing the ❮ or ❯ button while holding down the SET button. Press the 🔍 button to return to index playback.
- Each time you press the 🔍 button, the display zooms in one level. During this enlarged display, you can change the display position using the ^, v, ❮ or ❯ button. Each time you press the ▪ button during this enlarged display, the display zooms out one level.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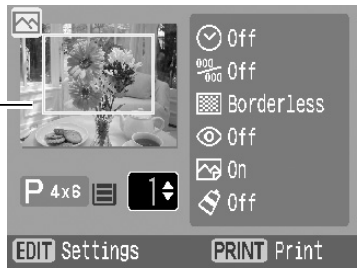
## 3 To set the area to be printed (trimmed), press the EDIT button and set the trimming frame.

- The following buttons can be used for the trimming frame:
  Move: ▲, ▼, ◀ or ▶ buttons
  Enlarge: ⊞ button
  Reduce: 🔍 button
  Rotate: DISP. (Display) button
- To cancel the trimming setting, press the MENU button.
- Press the SET button to complete the setting.

When trimming is being set, cancel the enlarged display (p. 28).

## 4 Press the SET or PRINT/STOP button, and check the settings on the LCD monitor.




- Press the ▲ or ▼ button to select the number of prints.
- Press the EDIT button to set the various useful functions (p. 48).

## 5 Press the PRINT/STOP button.

- Printing starts. During printing, the printer's power button blinks green.
- You can also start printing by pressing the SET button.

During printer operation, paper is temporarily output from the printer. Do not touch the paper until printing ends.

# Multi Photo Print

Select a specific image in the LCD monitor and print that image.
The required number of specific images can be printed together.

## 1 Turn the printer on, and insert the memory card into the appropriate memory card slot (p. 27).

## 2 Press the MENU button, select [Multi Photo Print] with ▲ or ▼ button, and then press the SET button.

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## 3 Press the ❮ or ❯ button to display the image to print.

- You can switch the image display to index playback, and enlarged display (see *Single Photo Print* step 2 on page 28).

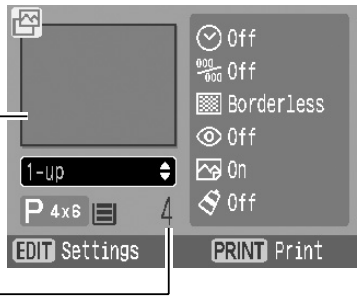
## 4 Press the ^ or ⌄ button to specify the number of prints.

When specifying the number of prints, cancel the enlarged display (p. 28).

## 5 Repeat steps 3 and 4.

- Press the EDIT button and select [Select all] to print a single photo of each image. Select [RESET] to cancel the print settings for all the images.
- To cancel the specified print setting, select the desired image, and press the ⌄ button to set the number of prints to "0".

## 6 Press the SET or PRINT/STOP button, and check the setting on the LCD monitor.




- Press the ^ or ⌄ button to change the page layout (p. 49).
- Press the EDIT button to set various useful functions (p. 48).

## 7 Press the PRINT/STOP button.

- Printing starts. During printing, the printer's power button blinks green.
- You can also start printing by pressing the SET button.

- You can specify a maximum of 998 images.
- After the images are printed all of their printing settings are cancelled.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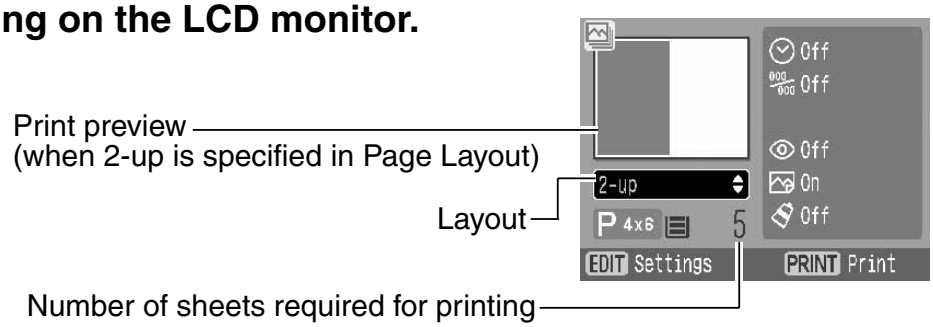
# Print All Photos

Print a single copy of all the images on the memory card at one time.

## 1 Turn the printer on, and insert the memory card into the appropriate memory card slot (p. 27).

## 2 Press the MENU button, select [Print All Photos] with ⌃ or ⌄ button, and then press the SET button.

## 3 Check the setting on the LCD monitor.




- Press the ⌃ or ⌄ button to change the page layout (p. 49).
- Press the EDIT button to set various useful functions (p. 48).

## 4 Press the PRINT/STOP button.

- Printing starts. During printing, the printer's power button blinks green.
- You can also start printing by pressing the SET button.

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# Creative Print

The Creative Print function allows you to print more enjoyable images with ease. With this function, Album, Calendar, Multi Layout and Speech Bubble printings are available.

| | |
|---|---|
| Album | Multiple images can be printed together like an album. |
| Calendar | A one-month calendar and images are printed out in the desired layout pattern. |
| Multi Layout | Images are printed out in the desired layout pattern. Images can be assigned as desired to individual frames. |
| Speech Bubble | Images are printed out overlaid with the desired speech bubble pattern. |

## 1 Turn the printer on, and insert the memory card into the appropriate memory card slot (p. 27).

## 2 Press the CREATIVE button.

- The [Creative Print] menu can also be displayed by pressing the MENU button, selecting [Creative Print] with ^ or v button and pressing the SET button.

To cancel operation during Creative Print settings, press the CREATIVE button. When the print confirmation screen is displayed, select [OK] and press the SET button. The settings are canceled, and the display returns to the [Creative Print] menu.

## 3 Press the ^ or v button to select the function you want and press the SET button.

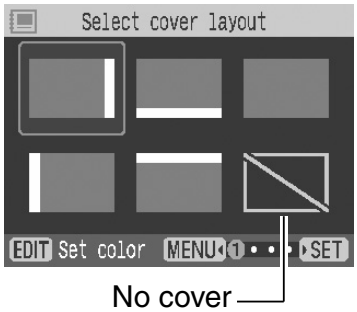
- Operations from here on differ according to the selected function. For details, refer to the corresponding page.
  **Album (p. 32)**
  **Calendar (p. 34)**
  **Multi Layout (p. 35)**
  **Speech Bubble (p. 36)**

If you press the MENU button during setting of each function, the screen returns to the previous setting screen.

## ■ When [Album] is selected

## 4 Press the ^, v, < or > button to select the layout of the cover and press the SET button.

- You can change the background color by pressing the EDIT button. Press the < or > button to select the color, and press the MENU button.





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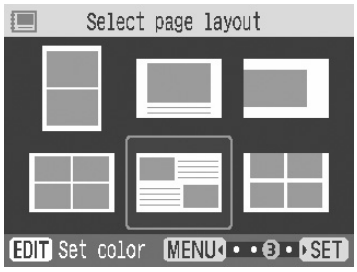
## 5 Press the ❮ or ❯ button to select the image to assign to the cover and press the SET button.

- When “No cover” is selected in step 4, this operation is not needed.
- You can switch the image display to index playback, enlarged display and other displays (see *Single Photo Print* step 2 on page 28).
- Press the EDIT button to trim the assigned image (see *Single Photo Print* step 3 on page 29).

Outline of the printable area

## 6 Press the ^, v, ❮ or ❯ button to select the page layout and press the SET button.

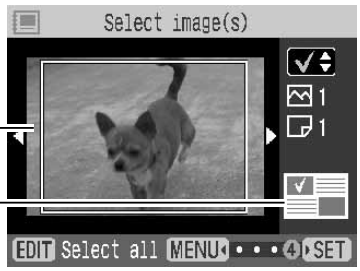
- You can change the background color by pressing the EDIT button. Press the ❮ or ❯ button to select the color, and press the MENU button.




## 7 Press the ❮ or ❯ button to select the image to print and press the ^ or v button to assign the layout.

Selected image

Selected page layout



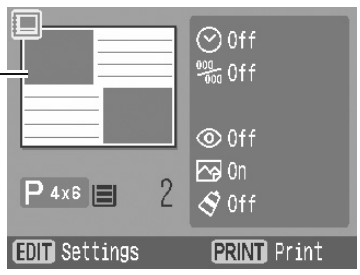

- The image is automatically laid out. If there are fewer images than the selected layout, blank spaces will be left. Write comments or the title of the album in the blank spaces with an oil-based pen.
- To select multiple images, repeat this step.
- You can switch the image display to index playback, enlarged display and other displays (see *Single Photo Print* step 2 on page 28).

- You can specify a maximum of 997 images.
- To cancel an assigned image, press the ^ or v button.
- You can select all images by pressing the EDIT button. When the Select all menu is displayed, select [Select all] and press the SET button. Select [RESET] to cancel the print settings for all the images.

## 8 Press the SET button and check the settings.

Print preview

- Press the EDIT button to set various useful functions (p. 48).




## 9 Press the PRINT/STOP button.

- Printing starts. During printing, the printer’s power button blinks green.
- You can also start printing by pressing the SET button.

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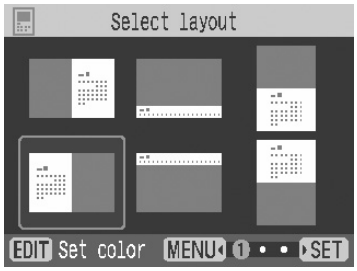
## ■ When [Calendar] is selected

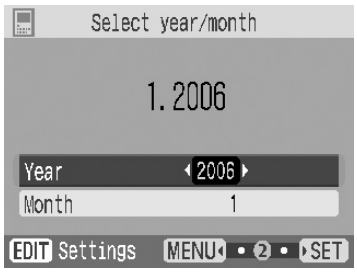
First perform steps 1 to 3 on page 32, then proceed to step 4 below.

### 4 Press the ^, v, < or > button to select the layout of the calendar and press the SET button.




- You can change the background color by pressing the EDIT button. Press the < or > button to select the color, and press the MENU button.

### 5 Press the ^, v, < or > button to select the year and month of the calendar to print and press the SET button.




- If you press the EDIT button, you can specify the day of the week to start the week ([Sunday]/[Monday]) and holidays ([No highlight]/[Sunday]/[Saturday]/[Sat. & Sun.]). You can select setting items by pressing the ^ or v button, and setting values by pressing the < or > button. When you have finished making setting, press the MENU button.

You can choose month and year until December, 2037.

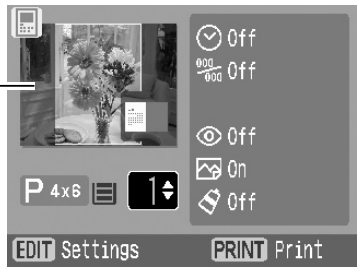
The year/month display format can be changed in [Date Format] (p. 48).

### 6 Press the < or > button to select the image to print.

Outline of the printable area

- You can switch the image display to index playback, enlarged display and other displays (see *Single Photo Print* step 2 on page 28).
- The image can be trimmed (see *Single Photo Print* step 3 on page 29).

### 7 Press the SET button and check the settings.




- Press the ^ or v button to select the number of prints.
- Press the EDIT button to set various useful functions (p. 48).

### 8 Press the PRINT/STOP button.

- Printing starts. During printing, the printer's power button blinks green.
- You can also start printing by pressing the SET button.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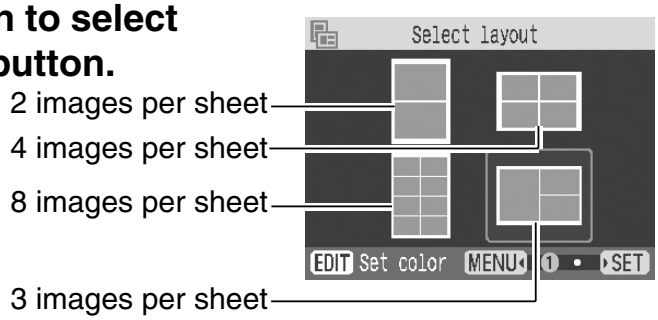
## ■ When [Multi Layout] is selected

First perform steps 1 to 3 on page 32, then proceed to step 4 below.

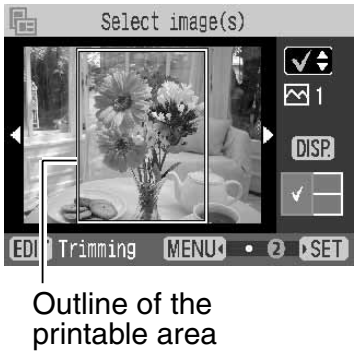
### 4 Press the ^, v, < or > button to select the layout and press the SET button.




- You can change the background color by pressing the EDIT button. Press the < or > button to select the color, and press the MENU button.

8 images per sheet layout can be specified only when printing on card size paper.

### 5 Press the < or > button to select the image to assign to the initial frame and press the ^ or v button.




- You can switch the image display to index playback, enlarged display and other displays (see *Single Photo Print* step 2 on page 28). Note that image information is not displayed.
- Press the EDIT button to trim images assigned to the layout frame (see *Single Photo Print* step 3 on page 29). Note that trimming is performed matching the aspect ratio of the assigned layout frame (e.g., width-to-height ratio approximately 4:3 for 2-up and 4-up).

To cancel an assigned image, press the ^ or v button again.

### 6 Press the DISP. (Display) button to select the next frame.

### 7 Repeat steps 5 and 6 to assign images to desired frames.

- If you want to create a blank space, press the DISP. (Display) button to move the frame. Write comments or the title in the blank spaces with an oil-based pen.

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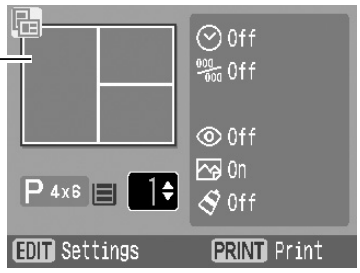
## 8 Press the SET button and check the settings.

Print preview




- Press the ^ or v button to select the number of prints.
- Press the EDIT button to set various useful functions (p. 48).

## 9 Press the PRINT/STOP button.

- Printing starts. During printing, the printer's power button blinks green.
- You can also start printing by pressing the SET button.

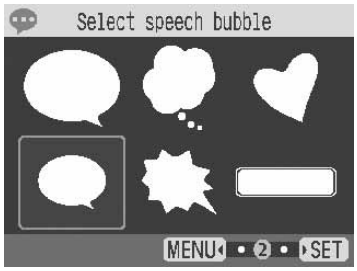
## ■ When [Speech Bubble] is selected

First perform steps 1 to 3 on page 32, then proceed to step 4 below.

## 4 Press the < or > button to select the image to print and press the SET button.

- You can switch the image display to index playback, enlarged display and other displays (see *Single Photo Print* step 2 on page 28).

## 5 Press the ^, v, < or > button to select the speech bubble and press the SET button.

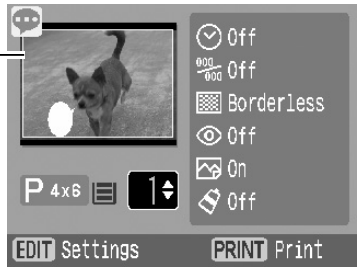



## 6 Press the ^, v, < or > button to adjust the position of the speech bubble.

- If you press the ▦ or 🔍 button, you can rotate the position of the "tail" of the speech bubble in a maximum of eight steps.
- You can change the color of the speech bubble by pressing the EDIT button. Press the < or > button to select the color, and press the MENU button.

## 7 Press the SET button and check the settings.

Print preview




- Press the ^ or v button to select the number of prints.
- Press the EDIT button to set various useful functions (p. 48).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## 8 Press the PRINT/STOP button.

- Printing starts. During printing, the printer's power button blinks green.
- You can also start printing by pressing the SET button.

To write a message in the speech bubble, use an oil-based pen.

# Print Using Camera Specified Settings (DPOF Print)

You can make prints according to the DPOF (Digital Print Order Format) setting specified on the camera.

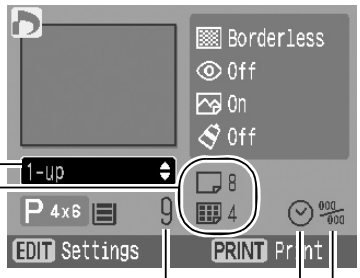
- The date and file number settings comply with the DPOF information. The date and file number cannot be set in [Printer Settings]. For details on the DPOF settings, refer to the documentation provided with your camera.
- When Page Layout is set to Index, the page layout cannot be specified.

## 1 Turn the printer on, and insert the memory card into the appropriate memory card slot (p. 27).

## 2 Press the MENU button, select [DPOF Print] with ^ or v button, and then press the SET button.

- [DPOF Print] cannot be selected when a DPOF-specified image is not found on the memory card.

## 3 Check the setting on the LCD monitor.




Layout

The "Print type" set on the camera is displayed.

Number of standard( ) prints

Number of index:( ) prints

Number of sheets required for printing

Displayed when the date is set on the camera.

Displayed when the file number is set on the camera.

- Press the ^ or v button to change the page layout (p. 49).
- Press the EDIT button to set various useful functions (p. 48).

## 4 Press the PRINT/STOP button.

- Printing starts. During printing, the printer's power button blinks green.

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# Auto Play

All images on the memory card are automatically played back in file number order. Play time is 3 seconds duration.
You can print the image after pausing the auto play.

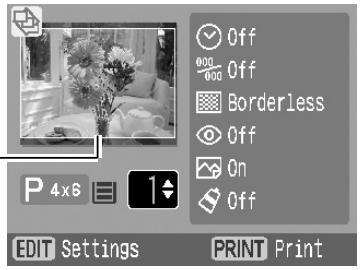
## 1 Turn the printer on, and insert the memory card into the appropriate memory card slot (p. 27).

## 2 Press the MENU button, select [Auto Play] with ▲ or ▼ button and press the SET button.

- Images are automatically played after they have finished being read. The following buttons can be used for operations during automatic playback:
  - Automatic playback pause/resume: SET button
  - Previous image/Next image: ◀ and ▶ buttons

To cancel automatic playback, press the MENU button.

## 3 To printing an image that is being played back, press the PRINT/STOP button and check the settings.




- Press the ▲ or ▼ button to select the number of prints.
- Press the EDIT button to set various useful functions (p. 48).
- Press the PRINT/STOP button to start printing. During printing, the printer's power button blinks green.

## 4 Press the MENU button.

- The screen returns to the main menu.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# Connecting to a Camera for Printing

## Connecting to a Canon Camera for Printing

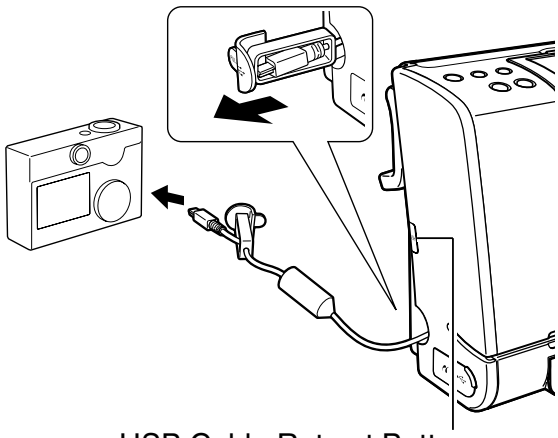
Use the printer's retractable USB cable to directly connect it to a camera and start printing.
For more details, refer to your *Camera User Guide* or *Direct Print User Guide*.

Make sure that a memory card is not inserted into the printer and that the printer is not connected to a computer.

- We recommend that you use the camera's compact power adapter (sold separately or included with the camera) when connecting the camera to your printer. If you wish to run the camera on battery power, be sure that the battery pack is fully charged or the batteries are fresh.
- Some camera models do not come with a compact power adapter. For details, please see the *System Map* that came with your camera.

### 1 Pull out the retractable USB cable from the printer, and connect the cable to the camera.

- You can also use the USB cable included with your camera. In this case, connect the DIGITAL terminal on the camera to the direct print port or USB port (p. 17).
- To retract the USB cable, press the USB cable retract button.
- The cable can be pulled out about 35 cm (13.8 in.). Note that pulling the cable out beyond this length may damage it.



USB Cable Retract Button

### 2 Press the printer's power button until it lights green.

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## 3 Turn the camera's power on and display an image.

- Check that the (*PictBridge*) or (*Canon Direct Print*) icon is displayed in the upper left corner of the camera's LCD monitor.
  If no icon is displayed, see *Troubleshooting* (p. 67).
- Some camera models automatically power up when the cable is connected to the printer. The icon then displays on the camera's LCD monitor.

The black and white cartridge (Easy Photo Pack E-P25BW) cannot be used when is displayed on the camera's LCD monitor.

## 4 Display an image to be printed and press the SET or SELECT button.

- If your camera has a (Print/Share) or (direct print) button, printing starts immediately after you press the or button (step 5 is not necessary).

## 5 Select [Print] and press the SET or SELECT button.

The screen may differ depending on the model of your camera.

- The printer starts printing. During printing, the printer's power button blinks green.
- The camera returns to the playback screen once printing is successfully completed.
- To cancel printing, use camera commands.

- If printing does not start, check the camera's LCD monitor for any messages (p. 70).
- Printing cannot be canceled by pressing the PRINT/STOP button when printing from a camera.


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# Connecting to a Non-Canon Digital Camera for Printing

Since the SELPHY ES1 printers support the direct print *PictBridge*[*] standard, you can connect *PictBridge* compliant non-Canon digital cameras to easily print high quality photos.

*PictBridge: *PictBridge* is an industry standard for direct printing that allows you to print images without using a computer by directly connecting a digital camera or digital camcorder (hereafter "camera") to a printer, regardless of their brands and models.

## ■ Before Using the Printer

Please read carefully the user guide that came with your camera and make sure that:

- **The camera is *PictBridge* compliant.**
- You are using the retractable USB cable or the USB cable for the camera/computer connection to connect the printer to the camera.
- The camera's communication settings are configured correctly.[*]
- You set the print settings with the camera.[*]

[*]For details, refer to the camera's user guide.

## ■ Connecting the Camera

Connect the retractable USB cable to the camera's terminal. If the connector on the camera side does not match up, insert one end of the USB cable included with your camera in the printer's direct print port or USB port (p. 17) and insert the other end in the camera's terminal. For details, refer to the camera's user guide.

- The printer's power button blinks green several times once the printer and camera are correctly connected. The power button lights steadily green once it is ready to print.
- If a problem occurs during a connection or during printing, the printer's power button lights or blinks red. If this happens, the error message that appears on the camera's LCD monitor may differ according to your camera model.

Printing speed may differ according to your camera model and the image's number of recorded pixels. (The value written on page 73 is a printing speed obtained when printing with a Canon camera.)

## ■ Disconnect the camera

Before you disconnect the camera from the printer, turn off the printer by holding down the power button until the green indicator goes out.

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# Wireless Printing

## Infrared (IrDA) Wireless Printing

You can transmit and easily print out the images shot by a camera equipped mobile phone.
The mobile phone must have the following features.
- JPEG image recording/saving capacity
- Infrared data communication (with an IrDA compliant infrared data communication port)

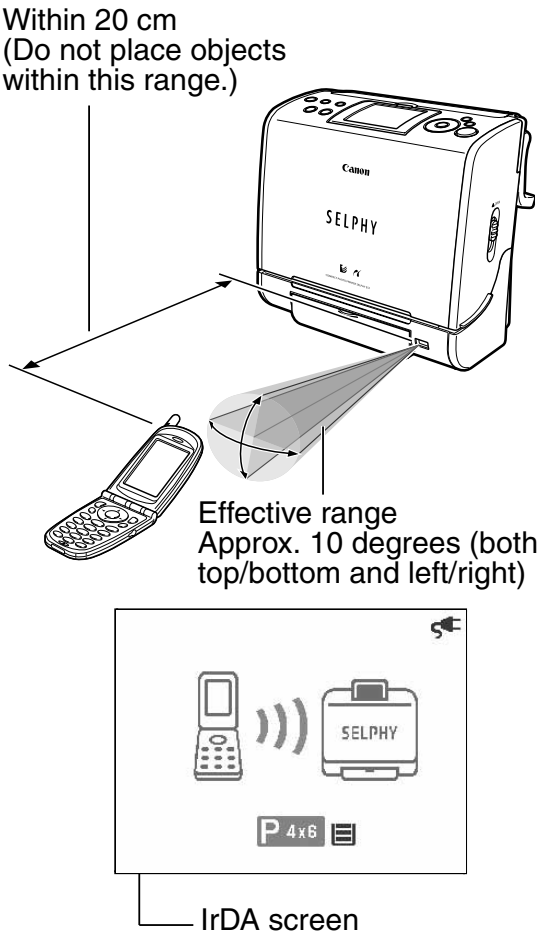
Refer to your mobile phone's manual when using infrared data communication.

### 1 Disconnect the camera or Bluetooth unit if it is connected to the printer, or remove the memory card if it is inserted (p. 27).

- The printer enlarges or reduces the size of the image according to the paper size and sets the print direction to vertical or horizontal automatically. The upper, lower, left or right portion(s) of the printed image may be trimmed depending on the combination of the image size and paper size.
- Printing is done according to the setting value specified in [Printer Settings] (p. 48).

### 2 Transmit an image from your mobile phone to the printer.

- Aim the mobile phone's infrared port at the printer's infrared data receiver and transmit the image data to the printer. See the illustration to the right for the transmittable distance. Note that the distance differs depending on the mobile phone model. For details on connection methods, refer to your mobile phone's manual.
- During communications, the IrDA screen is displayed on the printer's LCD monitor and the power button blinks green. If data transmission is interrupted, the power button stops blinking and lights green. Check the message appearing on the mobile phone display if an error occurs.
- If the data transmission fails, move the mobile phone closer to the front of the printer's infrared data receiver and repeat the procedure.




### 3 Printing starts after the data transmission is complete.

Printing cannot be canceled by pressing the PRINT/STOP button when printing wirelessly.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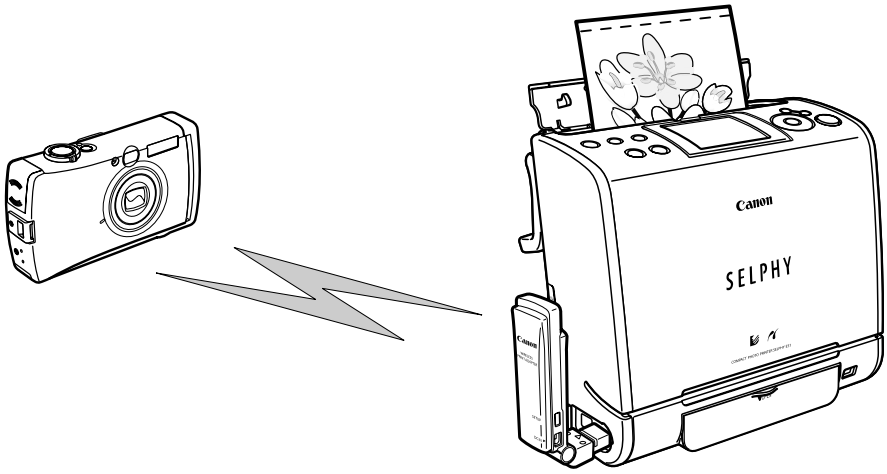
- E-mail and phone directories cannot be printed.
- Downloaded contents or image data, for example, downloaded from a URL attached to mail cannot be printed due to the security settings made on the mobile phone.
- Some mobile phones have limited memory capacity for infrared data transmission and you may not be able to print the image at the best quality.
- The images on the memory card (such as an SD memory card or Memory Stick) of some mobile phones cannot be printed.
- Movies cannot be printed.

- Do not place any obstacle between the printer and the mobile phone.
- Avoid direct sunlight on the infrared data receiver. Direct sunlight may interfere with the communication with the mobile phone.
- Do not place the printer near a plasma display. Placing it near a plasma display may prevent the printer from communicating with the mobile phone.
- During data transfer, do not interrupt the infrared data communication. If communications are interrupted, do the procedure again.
- Image quality may become coarser if you print on postcard size or L size paper. If this happens, we recommend printing on card size paper.
- If you transmit a large image, the transmission may take more than five minutes.
- After the printer starts communicating with the mobile phone, do not do any printing operations from the camera or computer until printing is complete.
- The printer cannot communicate with the mobile phone until any printing jobs from a computer are complete.

## Printing via a Wireless LAN

If you attach a *PictBridge* compliant wireless print adapter to the printer, you can print images taken with a camera that has wireless LAN support after transmitting the images wirelessly to the printer.

- For details, refer to the user guide included with the camera.

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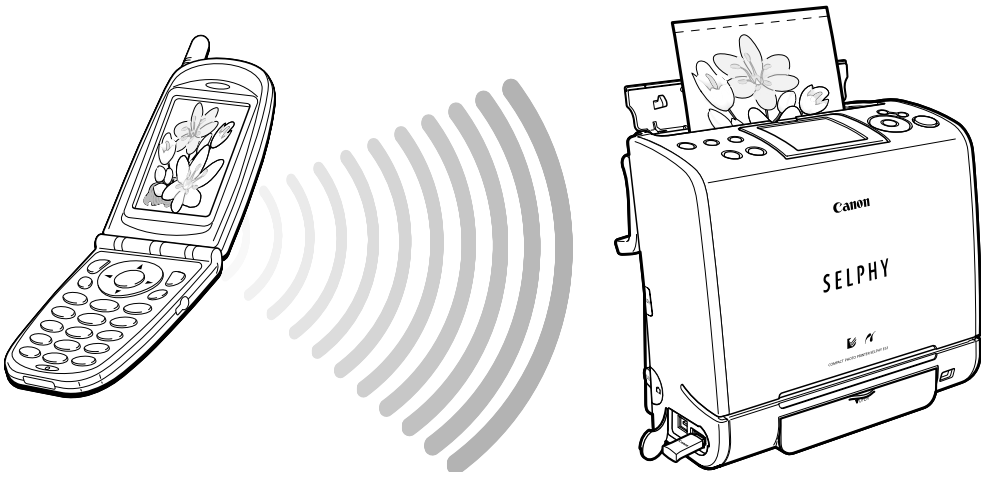
# Printing via Bluetooth

## ■ Before Use

**When Bluetooth Unit BU-20 (sold separately) is installed on the printer, images can be sent to the printer for printing wirelessly from a Bluetooth-compatible mobile phone*1 or PDA*2.**




Wireless printing via Bluetooth from a computer is not possible.

*1 The mobile phone must have the following features.
- Built-in Bluetooth and support for OPP (Object Push Profile) or BIP (Basic Imaging Profile).
  For details on supported profiles, refer to the user guide of the mobile phone you are using.
- Image data (JPEG images of maximum size 4MB) recording/saving capacity

*2 Conditions for PDA compatibility
- Compatible model
  Runs Windows CE or Palm OS with built-in Bluetooth and support for OPP (Object Push Profile) or BIP (Basic Imaging Profile).
  For details on supported profiles, refer to the user guide of the PDA you are using.
- Supported print data
  Image data (JPEG images of maximum size 4 MB) taken by a PDA or mobile phone camera.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## ■ Setting Bluetooth

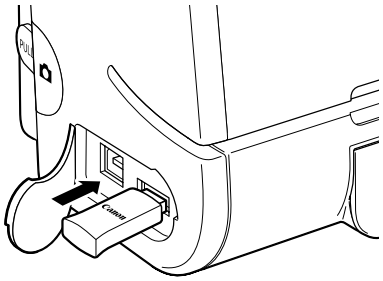
To use Bluetooth, the printer's model and security settings must be set in advance.

### 1 Disconnect the computer or camera if it is connected to the printer, or remove the memory card if it is inserted.

- Printing is done according to the setting value specified in [Printer Settings] (p. 48).

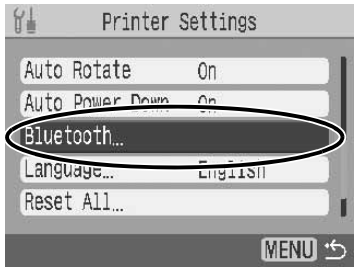
### 2 Install the Bluetooth Unit.

- Insert Bluetooth Unit BU-20 into the USB port on the printer.



### 3 Display the [Printer Settings] menu (see *Making Printer Settings (Various Useful Functions)* steps 1 and 2 on page 49).

### 4 Press the ^ or v button to select [Bluetooth] and press the SET button.




### 5 Press the ^ or v button to select the desired setting item, and press the < or > button to set the item.

- The following table summarizes the setting items and their functions.

| | |
|---|---|
| Device name | Select a name from Canon ES1-1* to ES1-9. This is the name used when the target device (this device) is selected from the mobile phone. This setting distinguishes this device when there are two or more Bluetooth-compatible devices capable of communications. |
| Security | Select either [On] or [Off]*. When set to [On], the passkey for the printer and mobile phone must be entered when connecting to the printer. |
| Passkey | The passkey refers to an identification number to be determined. It is used to prevent incorrect access from other Bluetooth devices. When [Security] is set to [On], press the SET button and set the key (4-digit number) to enter on the mobile phone to enable printing. The default passkey is “0000”. |
| Deny Access | Select either [On] or [Off]*. Selecting [On] will disable searching and printing from Bluetooth devices. |
| Reset | Returns Bluetooth settings to their defaults. |

*Default setting

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## 6 Press the MENU button.

- The display returns to the [Printer Settings] menu. Pressing the MENU button again returns the display to the main menu.

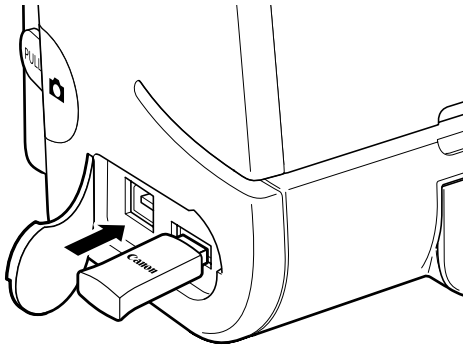
# ■ Printing

## 1 Disconnect the computer or camera if it is connected to the printer, or remove the memory card if it is inserted.

- Printing is done according to the setting value specified in [Printer Settings] (p. 48).

## 2 Install the Bluetooth Unit.

- Insert Bluetooth Unit BU-20 into the USB port on the printer.

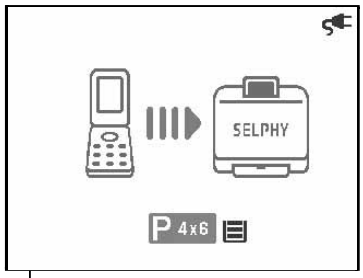


## 3 Send the image to the printer from the mobile phone or PDA.

- For details on how to print or make Bluetooth connections from a mobile phone or PDA, read the user guide of the mobile phone or PDA you are using.

When selecting the model name, select “Canon ES1-x” (x stands for the 1-digit number you set on page 45).

- During communications, the Bluetooth screen is displayed on the printer’s LCD monitor.




Bluetooth screen

## 4 Printing starts after the data transmission is complete.

During transfer, Bluetooth Unit BU-20 blinks blue. During data transfer, do not interrupt the Bluetooth communications. If communications are interrupted, do the procedure again.

- Image quality may become coarser if you print on postcard size or L size paper. If this happens, we recommend printing on card size paper.
- Printing cannot be canceled by pressing the PRINT/STOP button when printing wirelessly.

## 5 End printing.

- Either remove the Bluetooth Unit from the printer, or turn the printer off.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**Communications distance**

- The maximum communications distance is approx.10 m (approx. 32.8 ft.). However, the following conditions sometimes cause this distance or printing speed to change:
  -Obstacles or radio wave conditions between communications devices
  -Sites where magnetic fields, static electricity or radio wave interference is generated
  -Reception sensitivity and antenna performance of communications devices

**Image data that can be sent to the printer from the mobile phone or PDA**

- Downloaded contents or image data, for example, downloaded from a URL attached to mail cannot be printed due to the security settings made on the mobile phone.
- Image data saved after being edited on the PDA sometimes cannot be printed.
- Movies cannot be printed.
- It sometimes takes time for printing to start after image data is sent depending on the size of the image data file.
- Only image data files up to 4 MB in size can be sent.
- Image data saved on memory cards sometimes cannot be printed depending on the model you are using.
- Print quality and orientation (portrait or landscape) are automatically set according to the size of the image (recording pixels) when the image was taken.
- The left and right, and top and bottom of images are sometimes trimmed depending on the size of the image.

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## Using the Various Useful Functions

You can make various settings, such as printing of date and file number, selecting the print layout and correcting images. The following table summarizes the settings items and details for each of the functions. Items in the following table that are gray can also be set in the printing confirmation screen (but borders cannot be set from Creative Print).

| Item | Description | Settings |
|---|---|---|
| Date*2 | Prints the date. | On, Off*6 |
| File No.*2 | Prints the file number. | On, Off*6 |
| Borders*2 | Sets borders for 1-up or speech bubble printing. | Borderless*6, Bordered |
| Page Layout*2 | Sets the number of images to print on a single sheet of paper. | 1-up*6<br>6 types → *Page Layout* (p. 49) |
| Correct Red-Eye*3 | Corrects red-eye. | On, Off*6 |
| Auto Optimize*2 | Automatically corrects the image so that it is optimized. | On*6, Off |
| My Colors*3 *7 | Changes the color of the image when it is printed. | Off*6, 10 types → *My Colors* (p. 50) |
| Date Format*1 | Selects the date format used when printing out the date. | yy/mm/dd, mm/dd/yy, dd/mm/yy |
| Auto Rotate | Vertically displays images that are set to be rotated. | On*6, Off |
| Auto Power Down*4 | The printer automatically turns off if no operations are performed for five minutes. | On*6, Off |
| Bluetooth*5 | → *Setting Bluetooth* (p. 45) | Press the SET button and select the desired item in the display screen. |
| Language | → *Setting the Display Language (when the printer is used for the first time)* (p. 25) | Press the SET button and select the desired item in the display screen. |
| Reset All | Returns all setting items to their defaults. | Press the SET button and select the desired item in the display screen. |

*1 Enabled only when printing from a memory card
*2 The camera's settings are given priority when printing from the camera
*3 Enabled when printing from a memory card, or via Bluetooth, IrDA or cameras that display the (*PictBridge*) in their LCD monitor
*4 Disabled when connected to a computer
*5 Enabled only when a Bluetooth unit is connected
*6 Default
*7 Does not display when using the black and white cartridge (Easy Photo Pack E-P25BW).


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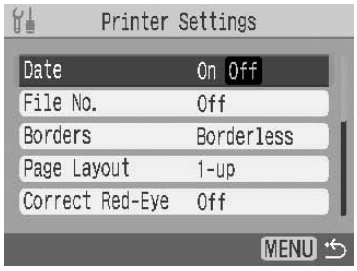
## 1 Turn the printer's power on, and press the MENU button (p. 27).

## 2 Press the ^ or v button to select [Printer Settings] and press the SET button.

[Date]/[File No.]/[Borders]/[Correct Red-Eye]/[Auto Optimize] can also be set by selecting settings in each of the printing confirmation screens.

## 3 Press the ^ or v button to select the desired setting item, and press the < or > button to change the setting value.




- When [Bluetooth], [Language] or [Reset All] are selected, press the SET button to display the sub menu. Select the desired item to be set using the ^, v, < or > button, and press the SET button.

When [Reset All] is selected, all settings (except Date Format and Language) can be returned to their defaults. In the Reset All confirmation screen, press the < or > button to select [OK] and press the SET button.

## 4 Press the MENU button.

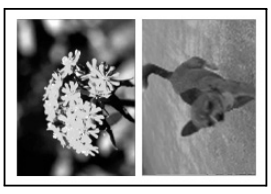
- The screen returns to the main menu.

## ■ Page Layout

The following six layouts can be selected when printing by [Multi Photo Print], [Print All Photos] or [DPOF Print]. The available layout differs according to the paper used. Check which layouts are available in the table below.

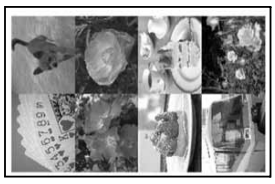
**1-up ([Borderless]/[Bordered] can be selected in [Borders].)**

**2-up**

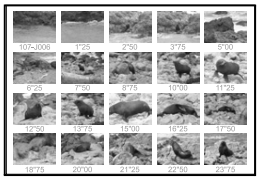


**4-up**

**8-up**



**Index**



**Fixed Size**

(A white border is left on the right side of the printed image. So you can write your message with an oil-based pen.)

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### ☐ Available layouts for each paper size

| Paper Size | 1-up | 2-up | 4-up | 8-up | Index* | Fixed Size |
|---|---|---|---|---|---|---|
| Postcard size print | ○ | ○ | ○ | – | ○ | 70.0 x 100.0 mm (2.8 x 3.9 in.) |
| L size | ○ | ○ | ○ | – | ○ | 89.0 x 55.0 mm (3.5 x 2.2 in.) |
| Card size | ○ | ○ | ○ | ○ | ○ | – |

*The file number is printed when both Date and File No. are set to [On].

When the print mode is set to [Print All Photos] and Page Layout is set to [Index], all of the images in memory card can be printed out as an index.

## ■ My Colors

The My Colors function simply changes the color of images to any desired color before the image is printed out. For example, it changes the red, green and blue color balance, or lightens or darkens skin tone. Note, however, that images may get coarser or the color may not be reproduced as intended depending on the photographic conditions.

| | |
|---|---|
| Off | The image is printed out without the My Colors function applied. |
| Vivid | Contrast and color depth are enhanced to produce sharp hues. |
| Neutral | Contrast and color depth are suppressed to produce a subdued hue. |
| Sepia | Images are printed out in sepia tones. |
| B/W | Images are printed out in black and white. |
| PositiveFilm | This setting makes red, green or blue colors more intense like the [Vivid Red], [Vivid Green] or [Vivid Blue] effects. It can produce intense natural-appearing colors like those obtained with positive film. |
| Lighter Skin* | Skin tones are reproduced in a lighter tone. |
| Darker Skin* | Skin tones are reproduced in a darker tone. |
| Vivid Blue | The color blue is enhanced. This is good for printing subjects containing lots of blue, such as the sky and the sea, more vividly. |
| Vivid Green | The color green is enhanced. This is good for printing subjects containing lots of green such as mountains, new growth, flowering plants and lawns, more vividly. |
| Vivid Red | The color red is enhanced. This is good for printing subjects containing lots of red, such as red flowers and red cars, more vividly. |

*If the image contains colors that are the same as human skin, those colors will also be changed. Skin color effects sometimes are not produced depending on the color of the skin.


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# Connecting to a Computer for Printing

## System Requirements

Please install the software on a computer meeting the following minimum requirements.

### ■ Windows

| | |
|---|---|
| OS | Windows 2000 Service Pack 4<br>Windows XP (Including Service Pack 1 and Service Pack 2) |
| Computer Model | The above OS should be pre-installed on computers with built-in USB ports. |
| CPU | Pentium 500 MHz or higher processor |
| RAM | 256 MB or more |
| Interface | USB |
| Free Hard Disk Space | • Canon Utilities<br>- Easy-PhotoPrint: 65MB or more<br>- ZoomBrowser EX: 200 MB or more<br>• Canon SELPHY ES1 Printer Driver:<br>4 MB or more (the amount of free space required for installation) |
| Display | 1,024 x 768 pixels/High Color (16 bit) or better |

### ■ Macintosh

| | |
|---|---|
| OS | Mac OS X (v10.2 - v10.4) |
| Computer Model | The above OS should be pre-installed on computers with built-in USB ports. |
| CPU | PowerPC G3/G4/G5 or Intel processor* |
| RAM | 256MB or more |
| Interface | USB |
| Free Hard Disk Space | • Canon Utilities<br>- ImageBrowser: 200 MB or more<br>• Canon SELPHY ES1 Printer Driver:<br>4 MB or more (the amount of free space required for installation) |
| Display | 1,024 x 768 pixels/32,000 colors or better |

*EOS Utility (an application for EOS DIGITAL cameras) supported on PowerPC only

- A CD-ROM drive is required to install the software.
- Even when system requirements are met, not all computer functions can be guaranteed.
- Macintosh software cannot be used on disks formatted in the UFS (Unix File System) format.

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# Installing the Printer Driver and the Software

The Compact Photo Printer Solution Disk contains software that your computer will require for printing. Install the printer driver and the software according to the following steps.

The instructions in this section are intended for Windows XP and Mac OS X (v10.3). If you are using another version of OS, actual screen contents and procedures may differ slightly from those indicated here.

## Windows

- Be sure to install the software and the printer driver before connecting the printer to the computer.
- Be sure to log on with Administrator privileges (computer system administrator) when installing the software.

### 1 Close any programs that are running.

### 2 Place the Compact Photo Printer Solution Disk in the CD-ROM drive.

- How to display the installer panel

  If the installer panel does not automatically appear, use the following procedure to display it.

  1. Click the [start] button and select [My Computer].
     For Windows 2000, double-click the [My Computer] icon on the desktop.
  2. Right-click the CD-ROM icon and select [Open].
  3. Double-click the SETUP.EXE* icon ( SETUP ).

     *The ".EXE" extension may not display depending on the computer used.

Install the printer driver to your computer.

### 3 Click the Printer Driver [Select printer] button.

Installer panel

### 4 Click the printer you are using.


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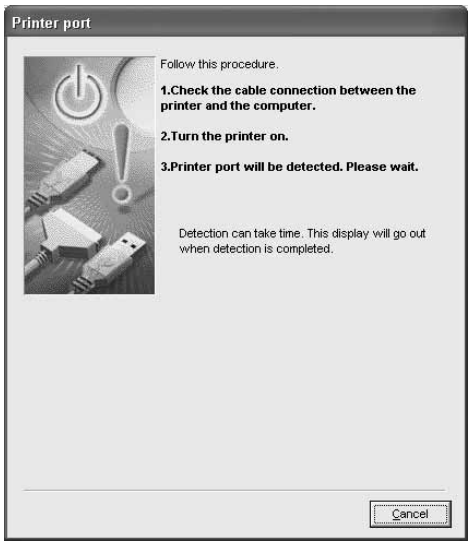
## 5 Click [Yes] if you consent to all the conditions of the software license agreement.

- The installer starts.

## 6 When the screen below appears, connect the printer to the computer with a commercially available USB cable and turn the printer's power on.


Printer port
Follow this procedure.
1.Check the cable connection between the printer and the computer.
2.Turn the printer on.
3.Printer port will be detected. Please wait.
Detection can take time. This display will go out when detection is completed.
Cancel

Refer to *Connecting the Printer to Your Computer* (p. 58) on how to connect.

- Follow the onscreen instructions to proceed.

## 7 When a dialog box appears instructing that the installation is complete, click [Finish].

- Restart your computer when a dialog box appears instructing you to do so.

Next, install the software to your computer.

## 8 Click the Application Software [Easy Installation] button.

- Select [Custom Installation] to select programs for individual installation.
- If the installer panel does not appear, refer to *How to display the installer panel* (p. 52).

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## 9 Follow the onscreen instructions and click [Install] when the screen for confirming the installation details appears.

## 10 Follow the onscreen instructions to proceed. When a dialog box appears instructing that the installation is complete, click [Finish].

- Restart your computer when a dialog box appears instructing you to do so.

## 11 When the computer desktop displays, remove the Solution Disk from the CD-ROM drive.


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# Macintosh

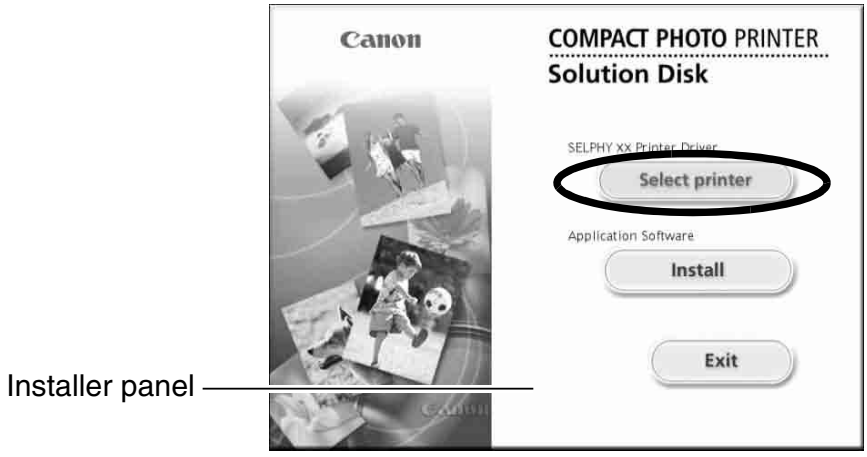
Be sure to install the software and the printer driver before connecting the printer to the computer.

## 1 Close any programs that are running.

## 2 Place the Compact Photo Printer Solution Disk in the CD-ROM drive, and double-click the icon in the CD-ROM window.

- The installer panel appears.

## 3 Click the Printer Driver [Select printer] button.




## 4 Click the printer you are using.

## 5 Click [Agree] if you consent to all the conditions of the software license agreement.

- The installer starts.

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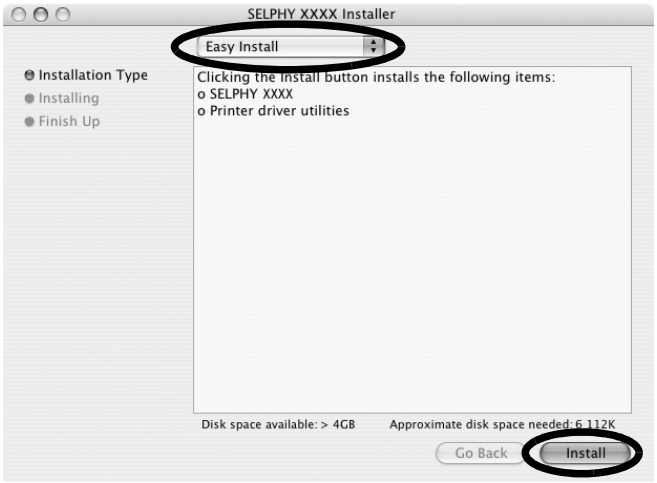
## 6 Select [Easy Install] and then click the [Install] button.




- Follow the onscreen instructions to proceed.
- Restart your computer when a dialog box appears instructing you to do so.

Next, register your printer in the Printer List.

## 7 Connect the printer to the computer with a commercially available USB cable and turn the printer's power on.

For directions on connecting the printer, see *Connecting the Printer to Your Computer* (p. 58).

## 8 Double-click the [Printer Setup Utility] or [Print Center] icon in [Applications] ▶ [Utilities] folder.

- The Printer List window appears.

## 9 Click the [Add] button.

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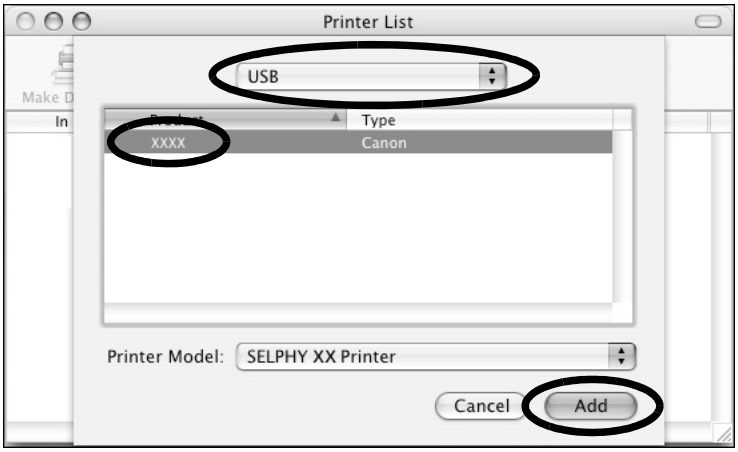
## 10 Select [USB], select the printer name, and then click the [Add] button.




## 11 Close the window by clicking in the upper left-hand corner.

Next, install the software to your computer.

## 12 Click the Application Software [Install] button.

## 13 Select [Easy Installation] and then click [Next].

- Select [Custom Installation] to select programs for individual installation.

## 14 Follow the onscreen instructions to proceed. When a dialog box appears instructing that the installation is complete, click [OK].

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# Connecting the Printer to Your Computer

## ■ Notes about connection

**Before connecting the printer to a computer, make sure that a memory card is not inserted into the printer and that the printer is not connected to a camera.**

- The printer may not function properly.

**When using the USB cable, be sure to connect the printer directly to your computer.**

- If you connect the USB cable to a USB hub, the printer may not function properly.

**Do not use other USB devices (with the exception of a USB mouse or USB keyboard) at the same time as the printer. The printer may not function properly.**

- Disconnect the other USB devices from your computer and then reconnect the printer.

**Do not connect two or more compact photo printers to the same computer via the USB interface at the same time.**

- The printers may not function properly.

**For Windows, when connecting the printer to your computer, we recommend that you connect it to the same USB port you used to install the printer driver.**

- If you connect the printer to a different USB port, Windows may create a copy of the printer driver. This depends on your Windows version and the printer driver, and does not affect the operation of the printer.
  To delete a copy of the printer driver, proceed as follows:
  1. Disconnect the USB cable from your computer.
  2. Delete the copy of the printer driver as follows (do not use the uninstaller.)
     (1) For Windows XP, click the [start] button and select [Control Panel] ▶ [Printers and Other Hardware] ▶ [Printers and Faxes].
     For Windows 2000, click the [Start] button and select [Settings] ▶ [Printers].
     (2) Right-click the copy of the printer driver and then select [Delete] on the shortcut menu.
  3. Restart your computer. Connect the printer to the USB port you used to install the printer driver.

- Do not put your computer into the standby mode (or sleep mode) while the printer is connected to a USB port.
- If you accidentally do so, do not disconnect the USB cable from your computer while it is in the standby mode; instead, leaving the USB cable connected, first return your computer to its normal mode. If you remove the USB cable while your computer is in the standby mode, your computer may not be able to return to its normal mode. For details on your computer's standby mode, refer to the documentation provided with your computer.


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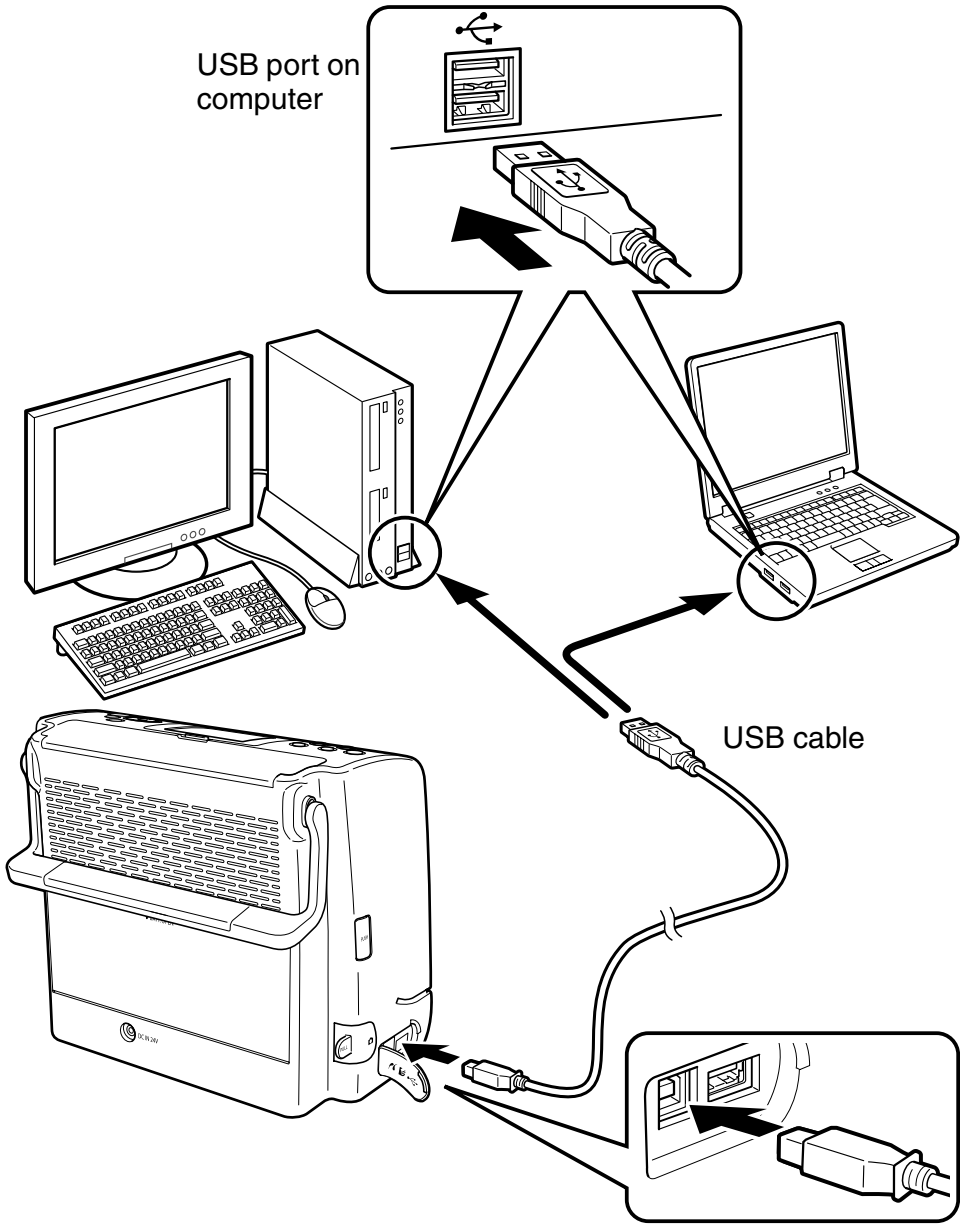
## 1 Connect one end of a commercially available USB cable to the USB port on the printer, and the other end to a USB port on your computer.

- There is no need to turn off the printer or your computer.
- When connecting the printer to your computer, make sure the connectors on the ends of the USB cable match the ports on the printer and your computer.
- For the location and direction of your computer's USB port, refer to the documentation provided with your computer.




When disconnecting the USB cable, you do not need to turn off the printer or your computer.

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# Software Manuals

Adobe Reader or Adobe Acrobat Reader must be installed to view the PDF Manuals. If this software is not already installed in your computer, access the following web site and download the software.
http://www.adobe.com/products/acrobat/readstep2.html

## ■ Printer Software Guide

This guide describes how to print using the software installed on your computer.

**1** **Install the software from the Compact Photo Printer Solution Disk. (Windows → p. 52, Macintosh → p. 55)**

- The *Printer Software Guide* is automatically installed.

**2** **Double-click the icon that appears on the desktop.**

- The *Printer Software Guide* will be displayed.

The following manuals can be downloaded from the following web site if they are required:
http://web.canon.jp/Imaging/information-e.html
- *ZoomBrowser EX Software User Guide*
- *ImageBrowser Software User Guide*


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# Uninstalling the Software

## Windows

Click the [start] button and select [All Programs] ▶ [Canon Utilities] ▶ [ZoomBrowser EX] ▶ [ZoomBrowser EX Uninstall].

- You can use the same procedure to uninstall other software.

## Macintosh

Drag the application's folder (the folder in which it was installed) into the Trash, and empty the Trash.

# Uninstalling the Printer Driver

## Windows

Click the [Start] button and select [All Programs] ▶ [Canon SELPHY XXXX] ▶ [Uninstaller].

## Macintosh

Double-click the icon in Solution Disk, select Printer Driver [Select printer] on the installer panel, and follow the onscreen instructions that appear to uninstall the printer driver.

Next, delete the printer from the Printer List.

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# Using the Battery Pack (Sold Separately)

You can print outdoors or at locations without a power outlet by installing Battery Pack NB-ES1L (sold separately).

Proper Usage and Handling of the Battery Pack ⟶ *Handling of the Battery Pack (Sold Separately)* (p. 64)

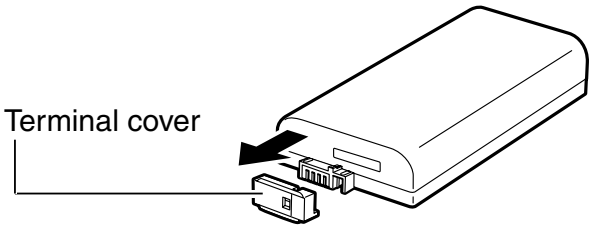
Do not use the battery pack in products other than those recommended by Canon.

## Installing and Charging the Battery Pack

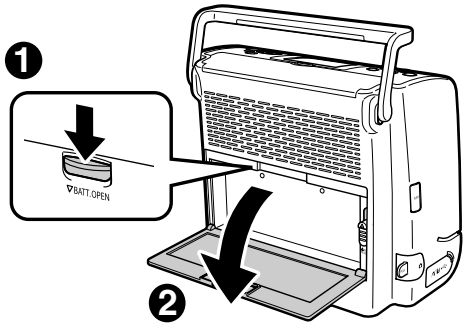
To charge Battery Pack NB-ES1L, install it in the printer.

### 1 Remove the battery pack's terminal cover.

When the battery pack is not in use, always store it with its terminal cover on.



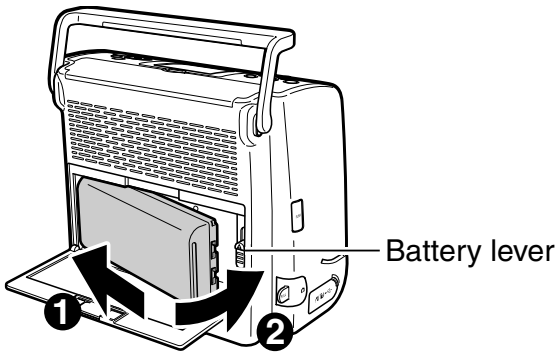

### 2 Press the battery cover lever down and open the battery cover.




### 3 Install the battery pack in the printer.

- Slide the battery pack into place, in the direction of the arrow (❶), and push it in until it clicks into place (❷).

To remove the battery pack, slide the battery lever up and pull the battery pack out.



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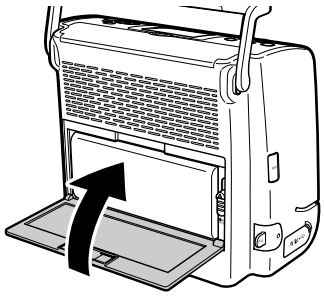
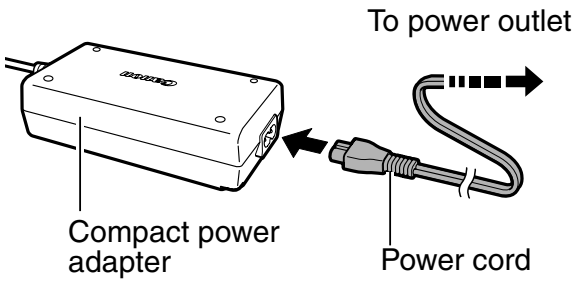
## 4 Close the battery cover.



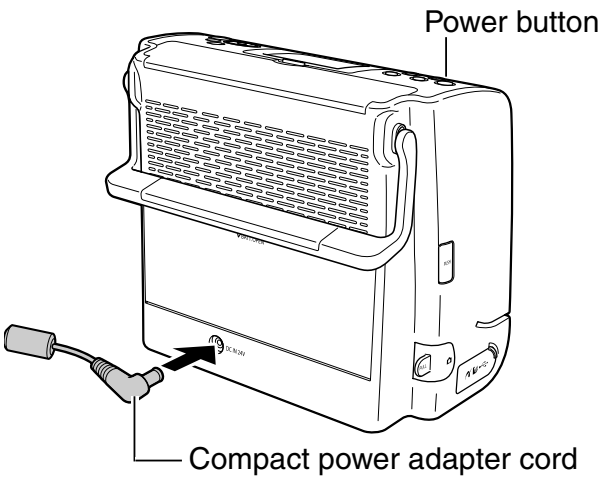
## 5 Attach the power cord to Compact Power Adapter CA-ES100 and plug it into a power outlet.




## 6 Connect the compact power adapter cord to the printer.

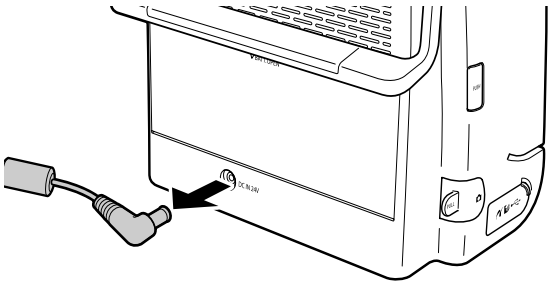
- The power button lights orange while charging and turns off once the battery pack is fully charged.

If the power button is pressed and the printer's power turns on while charging the battery pack, charging will stop. Pressing the power button again will turn off the printer and charging will resume.




## 7 Disconnect the compact power adapter cord from the printer once charging is complete.

- The battery pack can be used to power the printer.



## ■ Battery Status

If the battery power is low, the printer's power button blinks orange.
Also, the camera's LCD monitor or printer's LCD monitor display an error message (p. 70).
Change it with a fully charged battery pack or recharge the battery pack. You can also use the printer's compact power adapter.

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# Handling of the Battery Pack (Sold Separately)

## Checking the Battery Status

- **The following icons and messages are displayed.**

| Indication | Description |
|---|---|
| | There is sufficient battery power. |
| | To use the printer for a long time, either use fully charged batteries or charge the battery as soon as possible. |
| | Battery power is low. We recommend recharging the battery pack. |
| (Blinking red) | Operations other than printing are possible. |
| Recharge the printer battery | Change it with a fully charged battery pack or recharge the battery pack immediately. You can also use the printer's compact power adapter. |
| | The AC adapter is connected. |

## Proper Usage and Handling

- **If the battery power is low, the finished print may not be ejected into the print receptacle completely.**
  If this happens, turn the power off then on again. Paper is automatically output to the print receptacle.
- **At low temperatures, battery performance is sometimes reduced and the low battery power icon ( , ) may be displayed earlier than usual.**
  Battery performance can be recovered by putting the battery pack in your pocket, for example, to warm it up before use.
- **When warming up the battery pack, do not put key holders or other metal objects in your pocket.**
  These may cause the battery pack to short-circuit.
- **Do not allow key holders or other metal objects to contact (i.e. short-circuit) the "⊕" and "⊖" terminals of the battery (Figure A). When carrying the battery pack or when the battery pack is not used, be sure to attach the terminal cover (Figure B).**
  Otherwise, the battery pack might become damaged.

Figure A

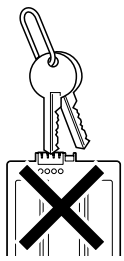
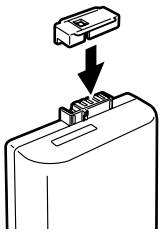


Figure B



- **When storing a battery pack, you are recommended to use it in the printer until it is completely discharged and to store it in an indoor location with low relative humidity and between the temperatures of 0 – 30 °C (32 – 86 °F).**
  Storing a fully charged battery pack for long periods of time (about 1 year) can shorten its lifecycle or affect performance. If you do not use the battery pack for long periods of time, charge it fully and discharge it fully in the printer at least once a year before returning it to storage.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## Charging the Battery Pack

- **This is a lithium ion battery pack so there is no need to completely use or discharge it before recharging.**
  It can be charged at any charge state.
- **It takes approximately 2 hours 55 minutes to bring a depleted battery pack to a full charge state (based on standard Canon testing criteria).**
  - We recommend recharging the battery pack in a temperature of 5 – 40 °C (41 – 104 °F).
  - The charging time varies according to the ambient temperature and charge state.
- **You are advised to charge the battery on the day of use, or one day before, to ensure a full charge.**
  Even charged battery packs continue to discharge naturally.
- **If the usable time of a battery pack diminishes substantially even when fully charged, it should be replaced.**

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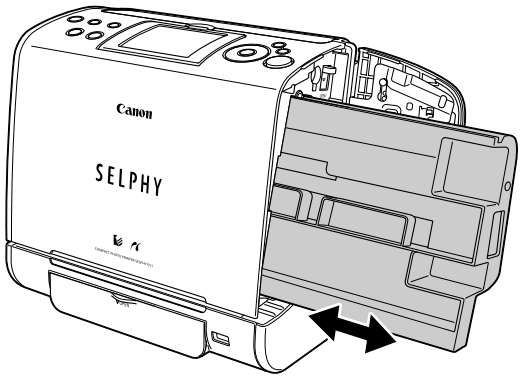
# Cleaning the Printer

## ■ Cleaning Inside the Printer

If faint stripes appear in the printed image, a probable cause is that dust has accumulated inside the printer. Remove any dust using the cleaner unit included with your printer.

**1** **Remove the cartridge.**

**2** **Insert the cleaner unit in the direction of the arrow and with the arrow on the cleaner unit facing up. Push it in completely and slide it in and out of the printer 2 or 3 times.**




## ■ Cleaning the Printer Casing

Wipe the casing with a soft dry cloth. If stronger cleaning is required, wipe first with a cloth moistened with a diluted neutral solvent, then wipe again with a soft dry cloth. If you use a chemical cleaning cloth, read the instructions that come with it and observe all indicated precautions.

Never use benzine, paint thinner, or other volatile solvents to clean the printer. Volatile solvents may cause deformation or peeling of the printer's casing.

## ■ Cleaning the Back of the Printer

Keep the air vents clean and free of dust. Clean the vents as necessary. Dust that enters the printer through the vents may land on the ink sheet, resulting in poor print quality. If the ink sheet becomes dusty, remove the cartridge and replace it with a new one.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# Troubleshooting

If the printer does not seem to be working properly, run through the checks below to see if you can identify and correct the problem. If you are not able to solve the problem, please call your dealer or contact a Canon Customer Support center for assistance.

| **The printer has no power.** | |
|---|---|
| The compact power adapter or power cord is not correctly connected. | ● Be sure that the compact power adapter and power cord are connected correctly. Be sure that the power cord is plugged into a standard power outlet. |

| **The printer's power button is blinking red.** | |
|---|---|
| There is a malfunction in the printer. | ● Turn the printer's power off and turn it on again. |

| **The (*PictBridge*) or (*Canon Direct Print*) icon does not display in the upper left corner of the camera's LCD monitor.** | |
|---|---|
| The cable is not correctly connected. | ● Connect the cable correctly (p. 39). |
| The printer's power is off. | ● Turn the printer's power on (p. 39). |
| Your camera's firmware is incompatible with this printer. | ● Please check the Canon BeBit website (http://web.canon.jp/Imaging/BeBit-e.html), or your regional Canon website, for information or to download compatible firmware. |
| Printing from a memory card is in progress or printing connected to a computer is in progress. | ● Wait until printing has completed. |

| **The printer does not print.** | |
|---|---|
| The printer is not correctly connected to the camera. | ● Connect the cable correctly (p. 39). If the connection is correct, the or icon will appear on the camera's LCD monitor. |
| The camera's battery pack or batteries are depleted. | ● Replace with a fully charged battery pack or fresh batteries, or plug the camera into a power outlet (using the camera's optional compact power adapter). |
| The cartridge is not loaded correctly. | ● Load the cartridge correctly (p. 23). |
| Too much slack in the cartridge's ink sheet. | ● Take up the slack (p. 23). |
| The printer has overheated. | ● Wait for the printer to cool down. |

| **Printing stopped midway.** | |
|---|---|
| The printer is not correctly connected to the camera. | ● Connect the cable correctly (p. 39). |

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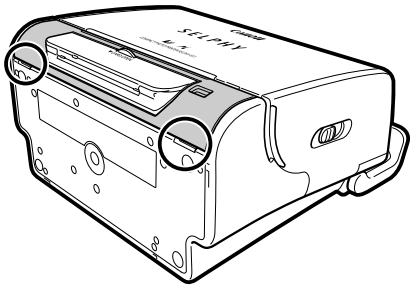
| Print is not ejected. | |
|---|---|
| Paper has jammed inside the printer. | ● Remove the cover below the paper-handling slot (the cover can be opened by laying the printer down, placing your fingers on both sides of the cover and lifting up) and remove the jammed paper.<br>Re-attach the cover.<br>  |
| The print receptacle cover did not open. | ● If the print receptacle cover does not open automatically and paper gets jammed, press the print receptacle button on the left side of the operation panel to open the print receptacle cover and remove the jammed paper. |

| The printer's power button lights red without the camera's LCD monitor displaying any error message. | |
|---|---|
| There is a malfunction in the printer. | ● Remove the paper from the paper-handling slot and take up any slack in the ink sheet. Turn the printer's power off and turn it on again. |

| Print quality is not good. | |
|---|---|
| The ink sheet or paper is dirty. | ● Use a clean cartridge.<br>● Store the cartridge so that dust does not accumulate on it. |
| Condensation has formed inside the printer. | ● Wait for condensation to evaporate (p. 13). |

| Faint stripes appear in the print. | |
|---|---|
| Dust has accumulated inside the printer. | ● Remove the dust inside the printer using the cleaner unit (p. 66). |

| Printed images are distorted. | |
|---|---|
| The printer is too close to a TV, video game machine, or other electromagnetic source. | ● Move the printer so that it is at least 1 meter (3.3 ft.) away from the electromagnetic source. |
| The printer is too close to a stereo speaker, large motor, or other strong magnetic source. | ● Move the printer away from the strong magnetic source. |

| There is not enough ink left for the allotted sheets in the set. | |
|---|---|
| You turned the printer's power on and off repeatedly. | ● Please avoid turning the printer's power on and off needlessly as the printer initialization consumes ink. There may not be enough ink left for the allotted sheets in the set. |
| You pulled on the ink sheet. | ● Do not forcefully pull on the ink sheet. |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| Nothing happens when the camera's , or SET button is pressed. | |
|---|---|
| The printer has overheated. | ● Wait for the printer to cool down. |
| Printing is in progress. | ● Wait for the printer to finish printing. |

| Frequent paper jams. | |
|---|---|
| The print receptacle is overloaded. | ● Do not load more than 50 sheets of paper into the print receptacle. |

| The cartridge cover does not close all the way. | |
|---|---|
| The cover lever is down. | ● Lift the cover lever again and then close the cartridge cover. |

| "?" instead of the image is displayed on the LCD monitor. | |
|---|---|
| "?" is sometimes displayed depending on the image. | ● The image cannot be printed because it is corrupted.<br>● The image has been altered with a computer or has had its extension changed and may not print correctly. |

| The image selected on the LCD monitor is not printed.<br>When the list of images is printed, the index print contains an image displayed as a white dropped out area. | |
|---|---|
| You tried to print the following images:<br>- An image taken with a different camera or recorded as a different type<br>- An image altered by a computer<br>- An image with a data size that is too big<br>- An image that is corrupted | ● Check the size of the image you are trying to print and the number of recorded pixels on the camera, and convert the image to JPEG compressed type that can be displayed on the camera. Limit the size of image files to less than 8000 x 6000 pixels. |

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# Error Messages

The power button of the printer blinks or lights red and a message is displayed on the LCD monitor if any error occurs during printing. If a problem occurs while the printer is connected to the camera, the camera's LCD monitor may display an error message.

## ■ Power button

| Button State | Remedy |
|---|---|
| **Blinks red** | ● An error (e.g. paper jam) that prevents printing from restarting has occurred. Turn the printer off then back on again, and try printing again. |
| **Blinks orange** | ● Battery pack depleted. Change it with a fully charged battery pack or recharge the battery pack. You can also use the printer's compact power adapter. |
| **Lights red** | ● Check the error message on the LCD monitor. |

## ■ LCD monitor

| Message | Remedy |
|---|---|
| **No paper/ink** | ● Check that the cartridge is correctly installed.<br>● Make sure that the cartridge contains paper/ink.<br>● If paper is not feeding correctly, remove the cartridge, and manually remove any paper remaining in the printer. |
| **Paper jam** | ● Press the PRINT/STOP button to eject the paper. If the paper is not ejected, turn the power off and turn it on again. If the printer fails to eject the paper, contact a Canon Customer Support center for assistance. |
| **Ink Error** | ● Remove the cartridge from the printer, take up the slack in the ink sheet, and then reload the cartridge. If the cartridge is stuck in the printer, contact a Canon Customer Support center for assistance. |
| **Recharge the printer battery** | ● Change it with a fully charged battery pack or recharge the battery pack. You can also use the printer's compact power adapter. |
| **Cannot print!** | ● You tried to print the following images:<br>-An image taken with a different camera or recorded in a different type<br>-An image altered by a computer<br>-An image with a data size that is too big<br>-An image that is corrupted<br>Check whether the image's size matches the camera's pixel capacity. If the size is not appropriate, resize the image and convert it as necessary to a JPEG image that the camera can display. Limit the size of image files to less than 8000 x 6000 pixels. |


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| Message | Remedy |
|---|---|
| **Could not print XX images** | ● You tried to print xx of the following images at the DPOF setting:<br>-An image taken with a different camera or recorded in a different type<br>-An image altered by a computer<br>-An image with a data size that is too big<br>-An image that is corrupted<br>Check whether the image's size matches the camera's pixel capacity. If the size is not appropriate, resize the image and convert it as necessary to a JPEG image that the printer can display. Limit the size of image files to less than 8000 x 6000 pixels. |
| **No Image.** | ● The memory card does not contain any images. Insert a memory card recorded with images.<br>● The inserted memory card does not contain any images that can be read.<br>● The image file name (folder name) sometimes cannot be recognized if it contains double-byte characters (Japanese, Chinese or Korean). Change double-byte characters to single-byte alphanumeric characters.<br>● Print data that has been edited or processed on a personal computer from the personal computer. |
| **Hardware Error** | ● Check whether or not an error other than a cartridge error has occurred. Turn the printer and camera power off and turn it on again. If the error message does not clear, contact a Canon Customer Support center for assistance. |
| **Cartridge cover is open** | ● Close the cartridge cover, making sure the cartridge cover lever slides down into its locked position. |
| **This camera cannot print B/W Insert memory card to print** | ● Black and white printing is not possible when the camera is connected (Except when the (*PictBridge*) is displayed on the LCD monitor.). Insert a memory card to print. |
| **Cartridge has been changed** | ● The cartridge was changed after the print menu was displayed. Change back to the original cartridge or change the print settings. |
| **Cartridge not compatible** | ● Use a cartridge that is compatible with this printer. |
| **Communication error** | ● Turn the printer, camera and computer power off and turn it on again.<br>● Check *Communication Settings for Cameras* (p. 7). If the error message continues to display, contact a Canon Customer Support center for assistance. |
| **Disconnected** | ● Make sure that the printer and the sender are located within communications distance of each other.<br>● Check the sender's power supply. |
| **Print output tray is full** | ● Remove accumulated paper from the print receptacle. |

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| Message | Remedy |
|---|---|
| **Cartridge incorrectly inserted or not loaded** | ● Load the cartridge.<br>● Remove the cartridge and load it again. Insert the cartridge all the way, make sure that the cartridge lever is up and then close the cartridge cover. |
| **Image too large.** | ● You are trying to play back a number of recorded pixels exceeding 8000 x 6000 or a large-sized file. |
| **Corrupted data.** | ● You are trying to play back or print an image that is corrupted. |
| **Incompatible JPEG format.** | ● You are trying to play back or print an incompatible JPEG compressed image. |
| **Memory card error** | ● Memory card has experienced an anomaly. |
| **Unidentified Image** | ● You are trying to play back an image taken in a special format (e.g. format unique to a other manufacturer's camera). |
| **Cannot magnify!** | ● You are trying to enlarge an image taken on a different camera or in a different format and loaded to the personal computer. |
| **Too many marks.** | ● Too many images have been marked with print settings. Cannot process any more. Mark 998 or less images. |
| **Cannot complete!** | ● Could not completely save the print setting. |
| **Cannot trim** | ● You are trying to trim an image that has a file size lower than 640 x 480 pixels or an image with a width-to-height ratio narrower than 2:1. |
| **Image not compatible** | ● You are trying to put a speech bubble in an image that has a file size lower than 640 x 480 pixels or an image with a width-to-height ratio narrower than 2:1. |


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# Specifications

## ■ Compact Photo Printer SELPHY ES1

All data is based on standard Canon testing criteria. Details are subject to change without notice.

| | | | |
|---|---|---|---|
| Print Method | Dye-sublimation thermal transfer (with overcoating) | | |
| Resolution | 300 x 600 dpi, 300 x 300 dpi *<br>*When a PC is connected and 4-up and higher or Creative Print (excluding 2-up Multi Layout) is selected | | |
| Gradation | 128 gradations/color (300 x 600 dpi), 256 gradations/color (300 x 300 dpi) | | |
| Ink | Dedicated cartridge (Y/M/C/overcoating, black and white/overcoating) | | |
| Paper | Postcard size, L size, Card size (including full-sized label sheet) | | |
| Feeding System | Automatic feed from cartridge | | |
| Paper-Eject System | Automatic paper ejection to print receptacle | | |
| Print Modes | Single Photo Print/Multi Photo Print **/Print All Photos **/Creative Print ***/ DPOF Print/ID Photo Print */<br>Movie Print * (Borderless/Bordered can be selected)<br>* When a Canon camera is connected<br>** Layout Print is available (1-up/2-up/4-up/8-up/Index/Fixed Size)<br>*** Speech Bubble/Calendar/Multi Layout (2-up/3-up/4-up/8-up), Album | | |
| Image processing | My Colors/Correct Red-Eye | | |
| Image Quality Adjustment | Intelligent automatic dynamic-range correction | | |
| Print Sizes | | Borderless | Bordered |
| | Postcard size | 100.0 x 148.0 mm (3.9 x 5.8 in.) | 91.4 x 121.9mm (3.6 x 4.8 in.) |
| | L size | 89.0 x 119.0mm (3.5 x 4.7 in.) | 79.2 x 105.3mm (3.1 x 4.2 in.) |
| | Card size | 54.0 x 86.0mm (2.1 x 3.4 in.) | 50.0 x 66.7mm (2.0 x 2.6 in.) |
| Printing Speeds (When using color cartridge) | When a camera is connected or printing from memory card | Postcard size | Approx. 69 sec. |
| | | L size | Approx. 61 sec. |
| | | Card size | Approx. 53 sec. |
| Playback Modes | Single/Index (9 thumbnail images)/<br>Magnified (approx. 10x max. in LCD Monitor)/<br>Image search (jumps over nine images at a time during Index playback)/<br>Auto play | | |
| Interface | USB | PictBridge and proprietary protocol for Canon cameras | |
| | Infra-red | IrDA (print beam) | |
| | Wireless LAN | IEEE 802.11b *<br>* When connected via a PictBridge compatible wireless LAN adapter | |
| | Bluetooth | OPP **, BIP **<br>**When connected via a Bluetooth Unit BU-20 (sold separately) | |

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| | | |
|---|---|---|
| Connection method | Camera connection | Retractable USB Cable<br>Interface cable included with the camera |
| | Computer connection | USB compliant Type B connector |
| | Wireless connection | Infrared data (IrDA)<br>Wireless LAN Requires PowerShot SD430 Digital ELPH Wireless/Digital IXUS WIRELESS digital camera (sold separately) and Wireless Print Adapter WA-1N/WA-1E (included in camera kit)<br>Bluetooth Unit BU-20 (sold separately) |
| Memory card | SD memory card, SDHC memory card, CompactFlash (CF) card, Microdrive, Memory Stick, Memory Stick PRO, MultiMedia Card | |
| | **Memory cards that require a specific adapter**<br>miniSD memory card, miniSDHC memory card, RS-MMC, xD-Picture Card, Memory Stick Duo, Memory Stick PRO Duo | |
| Operating Temperatures | 5 – 40 °C (41 – 104 °F) | |
| Operating Humidity | 20 – 80% | |
| Power Source | AC 100 – 240 V (50/60 Hz) | |
| Power Consumption | 70 W or less (4 W or less when idle) | |
| Dimensions | 199.0 x 176.7 x 113.3 mm (7.8 x 7.0 x 4.5 in.) (excluding protrusions and carrying handle) | |
| Weight | Approx. 2055 g (72.5 oz.) (excluding cartridge) | |

## ■ Compact Power Adapter CA-ES100

| | |
|---|---|
| Input Voltage | AC 100 – 240 V (50/60 Hz)<br>1.2 A (100 V) – 0.6 A (240 V) |
| Rated Output | DC 24 V, 2.3 A |
| Operating Temperatures | 0 – 40 °C (32 – 104 °F) |
| Dimensions | 134.0 x 67.5 x 34.0 mm (5.3 x 2.7 x 1.3 in.) (excluding cable) |
| Weight | Approx. 295 g (10.4 oz.) |

## ■ Battery Pack NB-ES1L (sold separately)

| | |
|---|---|
| Type | Lithium ion battery |
| Nominal Voltage | DC 22.2 V |
| Nominal Capacity | 2000 mAh |
| Charge Cycles | Approx. 300 |
| Number of prints* | Postcard size paper: Approx. 50 sheets |
| | L size paper: Approx. 50 sheets |
| | Card size paper: Approx. 72 sheets |
| Operating Temperatures | 5 – 40 °C (41 – 104 °F) |
| Dimensions | 140.0 x 60.0 x 22.0 mm (5.7 x 2.4 x 0.9 in.) |
| Weight | Approx. 335 g (11.8 oz.) |

*Test Conditions: When using color cartridge, normal temperature (23 °C/73 °F),
Canon images, continuous print
The above data may vary according to the printing environment and the image to be printed.


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# MEMO

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